0220

DOE/EIA/AR-0220

Analysis Report

NEWARK PUBLIC LIBRARY

JUL 8 1980

U. S. GOVT. PUBS.
DEPOSITORY 376

A Comparison of Energy Expenditures by Elderly and Non-Elderly Households--1975 and 1985

May 1980

U.S. Department of Energy
Energy Information Administration
Assistant Administrator for Applied Analysis
Washington, D.C. 20461

E3.26/4:

DOE EIA AR-0220
Dist. Category UC-13

Analysis Report

A Comparison of Energy Expenditures by Elderly and Non-Elderly Households--1975 and 1985

AR/EUA/80-15
May 1980

Prepared by:
Ann Siler
Residential and Commercial Energy Use Division
Office of Energy Use Analysis

U.S. Department of Energy
Energy Information Administration
Assistant Administrator for Applied Analysis
Washington, D.C. 20461

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402
S/N 061-003-00117-3 $4.00

PREFACE

This paper was prepared for the Assistant Administrator of Applied Analysis, Energy Information Administration. It continues a series of reports on the impacts of energy expenditures upon various socioeconomic groups of the residential sector.

The author wishes to thank Mark Rodekohr and Gerald Peabody for their advice in the preparation of this report. Thanks also go to Gene Reiser and Ray Fuller for computer assistance and to Hattie Ramseur and Carolyn Jenkins for typing the several drafts of this paper.

CONTENTS

	Page
PREFACE	i
EXECUTIVE SUMMARY	iv
1. INTRODUCTION	1
2. ENERGY EXPENDITURES BY ELDERLY AND NON-ELDERLY HOUSEHOLDS--1975 AND 1985	4
The 1975 Elderly Household Population	4
1975 Average Fuel Expenditure Levels	5
Energy Expenditure as a Percentage of Disposable Income	7
Energy Expenditure on a Per-Person Basis	7
1975 Household Characteristics and Energy Expenditure	8
The Projected 1985 Elderly Household Population	13
Projected 1985 Fuel Expenditure Levels	16
Projected Energy Ependiture as a Percentage of Disposable Income	18
Projected Energy Expenditure on a Per-Person Basis	19
1985 Household Characteristics and Projected Energy Expenditure	19
REFERENCES	26
APPENDICES	
A. Statistical Tables	27
B. Statistical Notes	95
FIGURE	
1. Elderly and Non-Elderly Household Population Percentages by Disposable Income Class--1975 and 1985	14

TABLES

1. 1975 Average Fuel Expenditure of Household Groups, Expenditure as a Percentage of Disposable Income, and Expenditure on a Per-Person Household Basis (1978 Dollars)

2. 1975 Average Energy Expenditure by Elderly and Non-Elderly Households and Expenditure as a Percentage of Disposable Income (1978 Dollars)

3. 1975 Average Disposable Incomes of Elderly and Non-Elderly Households (1978 Dollars)

4. Elderly and Non-Elderly Household Population Percentages by Disposable Income Class--1975 and 1985 (1978 Dollars)

5. 1985 Average Fuel Expenditure of Household Groups, Expenditure as a Percentage of Disposable Income, Expenditure on a Per-Person Household Basis, and Percentage Change from 1975 (1978 Dollars)

6. 1985 Average Energy Expenditure by Elderly and Non-Elderly Households and Expenditure as a Percentage of Disposable Income (1978 Dollars)

7. Percentage Change in Average Energy Expenditures of Elderly, Non-Elderly, and All Households--1975 to 1985 (1978 Dollars)

8. 1985 Average Disposable Incomes of Elderly and Non-Elderly Households with Percentage Change from 1975 (1978 Dollars)

EXECUTIVE SUMMARY

This report analyzes direct energy expenditure by elderly households (where the head is aged 65 or over). It contrasts their use of home fuels and gasoline with that of non-elderly households.

Energy expenditures for 1975 are compared to projections for 1985 from the midterm Projection Series C prepared by the Energy Information Administration (EIA) for its Annual Report to Congress 1978. Simulations of household energy expenditures and incomes for both years were accomplished using the Micro-Analysis for Transfers to Households/Comprehensive Human Resources Data System--the MATH/CHRDS model. All amounts are expressed in 1978 dollars.

Expenditures for each fuel type are only for households that use that particular fuel. Expenditures cannot be added across all fuels to calculate total expenditures because not all households use all fuels.

The major findings of this report are:

- In 1975, the elderly household's total energy expenditure for home fuels and gasoline is 42 percent less than that of the non-elderly household. This includes 18 percent less for home fuels and 45 percent less for gasoline.

- Elderly incomes in 1975 are 39 percent less than non-elderly incomes. Because both elderly incomes and expenditures are less, the proportion of elderly incomes expended directly for energy is very similar to that of the non-elderly; in 1975, the elderly spend 9.8 percent of income for energy, only one-half a percentage point less than the 10.3 percent spent by the non-elderly.

- Of 1975 total direct energy expenditure, the elderly expend a larger percentage of income for home fuels and a smaller percentage for gasoline than the non-elderly. For all fuels the proportion of income spent by the elderly is slightly less than that of the non-elderly.

- Projected 1985 energy expenditures show a 15 percent increase over 1975 expenditures for both elderly and non-elderly households. The elderly continue to spend 42 percent less than the non-elderly for total fuels, including 20 percent less for home fuels and 45 percent less for gasoline.

- The major part of increased expenditures in 1985 is for home fuels. Increases in electricity and natural gas prices boost home fuel expenditures for all households. Price and expenditure increases for other fuels are more modest.

- By 1985, overall incomes increase 21 percent over 1975. Elderly incomes increase 5.9 percent, while non-elderly incomes increase 24 percent. The lower income increase for the elderly leads to an even higher percentage of income spent for all fuels and for home fuels--10.7 and 6.8 percent respectively--exceeding proportions of income spent by the non-elderly--9.6 and 4.4 percent.

1. INTRODUCTION

During the 20th century, the number of older persons in the U.S. population has greatly and rapidly increased. In 1975, elderly persons numbered 22.4 million, some 10.5 percent of the total population. The population aged 65 years or older, termed "elderly," increased seven times in number from 1900 to 1975, while the U.S. total population less-than-tripled from 76.1 million to 213.6 million. The enlarging of the "gerontic" population is expected to continue into the next century, although at a decreasing rate.

This aging of the population represents a long-range demographic shift. Households headed by the elderly now represent more than one-fifth of the household population, and a continued increase of their numbers is expected. Consequently, it is of interest to observe particular socioeconomic characteristics of the group and its consumption of energy and to establish relationships between the two.

This report, therefore, looks at the relative position of the elderly in the population and observes their characteristic use of energy in relation to the total population and to their non-elderly counterparts. Observations are made for 1975 and 1985. The 1985 projections are based on demographic, economic, socioeconomic, and energy data assumptions contained in the Energy Information Administration's (EIA) Annual Report to Congress 1978, Projection Series C.[1]

Although the age of the household head is of paramount interest here, there are a multitude of characteristics by which households may be classified. Among these are income, race and sex of household head, and household location. Since the interest is also in fuel use, the types of fuels consumed adds another dimension. Establishing relationships between the large variety of characteristics and energy use can become quite complex.

---

[1] Energy Information Administration, Department of Energy, Annual Report to Congress 1978, Washington, D.C., EIA, 1979, DOE/EIA-0173/3

The model used by the Office of Energy Use Analysis for estimating household energy expenditure is MATH/CHRDS--acronym for Micro-Analysis of Transfers to Households/ Comprehensive Human Resources Data System. The model represents the residential sector with a large sample of household records in a computer data file. Each household record contains detailed socioeconomic, residence, and energy information and is weighted appropriately so that total records represent the entire U.S. household population for a base year. This data file is then used to project households' future situations with respect to energy use by adjusting the characteristics of each household according to specific assumptions.

By using the 1985 Series C Projections for this report, the resulting MATH/CHRDS data file is the synthetic representation of a large demographic-socioeconomic 1985 survey relating energy use to each household.

Since the MATH/CHRDS model, its data requirements, and its methodology, have been extensively described in previous reports, no further description will be given here.[2] Nor will a descriptive section be included for the 1985 Series C Projection, representing a midterm medium-demand, medium-supply case. For this description, the reader is referred to the EIA's Annual Report to Congress 1978, which also contains a discussion of the use of MATH/CHRDS.

Classification of a household as "elderly" or "non-elderly" depends solely on the age of the household head. Age 65 or over classifies the household head as elderly and thus also the household. Other household members may be of any age. Non-elderly households are those with a household head aged less than 65.

The following section of this report compares the use of energy in 1975 by households headed by the elderly with energy use by all households and by the non-elderly household population. A similar analysis follows, using projections to 1985.

---

[2] See John M. Brazzel, et al., "A Distributional Analysis of the 1985 Energy Projections for the Annual Report to Congress of the Energy Information Administration", Washington, D.C., Energy Information Administration, June 1978, AM/IA/78-09.

These analyses are based on extensive MATH/CHRDS cross-tabulations of salient household characteristics and household energy use. Characteristics include households' disposable income, poverty status, location by Department of Energy (DOE) region and Standard Metropolitan Statistical Area (SMSA), and race and sex of the household head as well as age.[3] Energy use by fuel type will be identified for total home fuels, including electricity, natural gas, bottled gas and fuel oil, and for all fuels, where gasoline use is also included. Throughout the analysis, both income and expenditure dollar amounts for 1975 and 1985 are expressed in constant 1978 dollars.

Appendix A contains the statistical tables forming the data collection on which this report is based; Appendix B contains statistical notes pertinent to those tables.

---

[3] See Appendix A, Table A.63 for DOE regions by state. SMSA location is noted as residence within or residence outside of an SMSA county. SMSAs and their county components are so designated by the Office of Management and Budget, Executive Office of the President. SMSA designation in this report includes an undefined category, used where confidentiality requirements of the Bureau of the Census preclude reporting of certain areas. See Appendix B, Statistical Notes, p.105

2. ENERGY EXPENDITURE BY ELDERLY AND NON-ELDERLY HOUSEHOLDS--1975 AND 1985

The general characteristics of elderly households and their fuel use are first discussed and compared with the rest of the population. Energy expenditure comparisons of elderly households with the rest of the population are then made by level of expenditure, expenditure as a percentage of disposable income, and expenditure per person in the household. Relating energy expenditures to households' disposable incomes measures energy consumption in relation to households' resources for all consumption. Estimating households' energy costs on a per-capita basis presents still another measure of their energy consumption in relation to the rest of the population.

The 1975 Elderly Household Population

Households headed by the elderly in 1975 represent 20 percent of the total population of almost 70.5 million households examined in this report. Characteristically, elderly households have disproportionately low incomes in comparison to the total population. Some 71 percent of their numbers have disposable incomes under $10,000, as opposed to 40 percent of the total and 32 percent of the non-elderly. Of total households, 12.5 percent are below the poverty level, with 22.5 percent of elderly households and 10 percent of the non-elderly in poverty.[2]

Percentages of elderly households by regional location are similar to those of all households, varying only 1 percentage point above or below DOE regional figures. Elderly households show 4 percentage points more non-metropolitan residence and exhibit a larger white ratio than nationally. Forty percent of elderly households are headed by women, approximately 18 percentage points more than the national proportion of 22 percent. Lower income and the larger number of females heads are two of the most identifiable differences from the norm in the general characteristics of the elderly population.

---

[1] Households analyzed in this report are those with positive disposable income, living in the lower continental United States, and expending a positive amount for any fuel included in this report.

[2] See Appendix B, Statistical Notes, # 5, for the poverty level definition.

The elderly household population closely resembles the total population in the use of specific home fuels. Virtually all households use electricity and over 70 percent use natural gas. A much lower use of gasoline, however, distinguishes elderly households from the average pattern of specific fuel use. While 88 percent of non-elderly households make some use of gasoline, only 65 percent of elderly households do so.

1975 Average Fuel Expenditure Levels

Table 1 shows the 1975 average fuel expenditure for all households, for elderly households, and for their non-elderly counterparts, by level, by percentage of disposable income, and by expenditure per person in household.

The typical elderly household spends $517 for home fuels--about 18 percent less than the $630 average for non-elderly households. Most of the lower home fuel expenditure by the elderly is attributable to a less intensive use of electricity. Average electricity expenditure by the elderly is over 31 percent less than that of the non-elderly. This lesser use probably results from a combination of lower incomes and smaller household sizes. Other home fuels also show lower expenditures by the elderly, ranging from 10.5 percent less than the non-elderly for natural gas to 3.8 percent less for fuel oil.

The greatest difference in fuel expenditure between the elderly and non-elderly is for gasoline. Gasoline is the largest, single energy item in household expenditure for both groups. But elderly households expend $563 for gasoline, almost 45 percent less than the non-elderly average of $1,021.

The average for all fuel expenditure by elderly households is $884, some 42 percent less than that of the non-elderly. Thus, for both home fuels and all fuels, the elderly household's level of energy expenditure is well below that of the non-elderly.

Table 1. 1975 Average Fuel Expenditure of Household Groups, Expenditure as a Percentage of Disposable Income, and Expenditure on a Per-Person Household Basis
(1978 Dollars)

	Expenditure			Expenditure as a Percentage of Disposable Income			Expenditure Per Person in Household		
	All Households	Elderly	Non-Elderly	All Households	Elderly	Non-Elderly	All Households	Elderly	Non-Elderly
Home Fuels									
Electricity	310	227	331	2.3	2.5	2.2	103	123	100
Nat'l Gas	206	183	210	1.5	2.0	1.4	69	104	64
Bottled Gas	322	303	327	2.7	4.1	2.5	103	157	95
Fuel Oil	444	430	447	3.1	4.5	2.9	147	233	134
Total Home Fuels	607	517	630	4.4	5.7	4.2	201	281	190
Gasoline	950	563	1,021	6.3	5.2	6.5	299	271	302
Total All Fuels	1,403	884	1,533	10.2	9.8	10.3	465	480	463

Source: Appendix Tables A.11 through A.16, A.23 through A.25
See Statistical Notes

Energy Expenditure as a Percentage of Disposable Income

Although elderly households spend less on home fuels than do the non-elderly, they spend a larger proportion of their incomes on each specific home fuel than do the non-elderly because the income of the elderly is much lower. An elderly household spends 1.5 percentage points more of its income on home fuels than does the non-elderly, although the elderly's expenditures are 18 percent lower. Because the elderly own fewer cars and drive fewer miles, however, their gasoline expenditure is almost one-half that of non-elderly households, and a lesser percentage of income than that spent by the non-elderly. Non-elderly total fuel expenditure becomes 10.3 percent of disposable income, only one-half a percentage point above the 9.8 percent of the elderly. The elderly, therefore, spend a larger percentage of income on home fuels and a smaller percentage on gasoline, resulting in near-balance for all fuels.

Energy Expenditure on a Per-Person Basis

Although the national average of persons per household is 3.02, the average number of persons in an elderly household is 1.84. This relatively low number for the elderly is a result of a decade of increases in maintenance of their own homes and a decline in their living with relatives.[3] The non-elderly household averages 3.31 persons in size.

The fewer number of persons in the elderly home results in higher per-person expenditure for every specific home fuel. The average $281 expended per person by the elderly household for home fuels is almost 50 percent greater than the non-elderly per-person expenditure of $190. Average per-person gasoline expenditure by the elderly household is about 10 percent less than that of the non-elderly, but an elderly household's per-person expenditure for all fuels is still about 4 percent higher than the non-elderly's.

---

[3] See United States Bureau of the Census, "Demographic Aspects of Aging and the Older Population in the United States," Current Population Reports: Series P-23, No.59, May 1976, p.49.

1975 Household Characteristics and Energy Expenditure

Classifying energy expenditure by household characteristics points to a considerable variation in energy use which is not apparent when considering national averages. This variation is evident in Table 2, which details both elderly and non-elderly average energy expenditure and expenditure as a percentage of disposable income by seven principal household classifications. Table 3 shows the comparable average disposable incomes of elderly and non-elderly households.

Disposable Income Class

Of the principal classifications, there is greater expenditure variation by disposable income class than any other. Energy expenditure increases dramatically with income. In 1975, households with incomes over $30,000 spend 3-4 times that of the lowest income class. For elderly households, expenditures for all fuels range from 37 percent below the average of $884 to 130 percent above. For non-elderly groups, the range is from 43 percent below their average of $12,533 to 48 percent above. The larger expenditure variation in all fuels in elderly households is due to a larger variation in gasoline expenditure. Excluding gasoline to show only home fuels expenditure, elderly households show an expenditure pattern very similar to that of the non-elderly, although at a lower level of expenditure and with somewhat less expenditure variation.

Expressing expenditure as a percentage of disposable income characterizes the regressiveness of energy expenditures. Both elderly and non-elderly households of the lowest income group spend substantially larger proportions of their incomes on fuels than do higher income groups. With disposable incomes under $5,000, elderly and non-elderly households spend 13.5 and 14.5 percent of their incomes, respectively, for home fuels. These percentages show a large and immediate decrease as incomes surpass $5,000 with gradual decreases, almost equivalent for the two groups, in each income class thereafter. Elderly and non-elderly households in the highest income group expend 1 1/2 to 2 percent of income on home fuels. In the case of all fuels, percentages of income spent by the elderly are lower than that of the non-elderly, particularly in the lowest groups, reflecting less gasoline expenditure.

Table 2. 1975 Average Energy Expenditure by Elderly and Non-Elderly Households and Expenditure as a Percentage of Disposable Income
(1978 Dollars)

	Expenditure				Percentage of Disposable Income			
	Elderly		Non-Elderly		Elderly		Non-Elderly	
	All Fuel	Home Fuel	All Fuel	Home Fuel	All Fuel	Home Fuel	All Fuel	Home Fuel
Total	$884	$517	$1,533	$630	9.8	5.7	10.3	4.2
Disposable Income Class								
Under $5,000	559	434	880	445	17.4	13.5	28.6	14.5
$5,000 to $9,999	828	502	1,154	532	11.5	7.0	15.0	6.9
$10,000 to $14,999	1,173	588	1,501	620	9.6	4.8	12.0	5.0
$15,000 to $19,999	1,412	642	1,724	677	8.2	3.7	10.0	3.9
$20,000 to $24,999	1,609	703	1,959	722	7.3	3.2	8.8	3.3
$25,000 to $29,999	1,871	762	2,128	799	6.9	2.8	7.8	2.9
$30,000 to $34,999	2,032	755	2,273	859	6.3	2.3	7.0	2.7
$35,000 and over	1,726	836	2,265	905	3.2	1.6	4.6	1.9
Poverty Level								
Poverty	559	428	979	493	21.2	16.3	23.8	12.0
Not Poverty	978	543	1,595	645	9.0	5.0	9.9	4.0
DOE Region								
New England	1,090	746	1,775	895	10.5	7.2	10.9	5.5
New York/New Jersey	1,116	711	1,734	834	10.7	6.8	10.3	4.9
Mid-Atlantic	963	632	1,590	740	10.4	6.8	10.7	5.0
South Atlantic	795	447	1,415	560	9.9	5.6	11.2	4.4
Midwest	926	532	1,635	654	10.0	5.8	10.2	4.1
Southwest	722	386	1,346	505	9.5	5.1	10.4	3.9
Central	844	485	1,544	607	10.9	6.3	11.2	4.4
North Central	783	419	1,431	501	9.6	5.1	10.4	3.6
West	711	330	1,353	433	6.9	3.2	8.6	2.8
Northwest	784	409	1,440	505	9.7	5.1	9.7	3.4
Location								
SMSA	894	511	1,528	619	8.4	5.1	9.6	3.9
Not SMSA	862	524	1,535	652	11.8	7.2	12.0	5.1
Not Defined	880	525	1,553	647	11.2	6.7	11.5	4.8
Race of Hsehold Head								
White	905	521	1,590	639	9.8	5.6	10.3	4.2
Black	652	473	1,066	563	9.9	7.2	9.9	5.2
Other	788	476	1,302	547	9.2	5.5	9.5	4.0
Sex of Hsehold Head								
Male	1,067	554	1,663	653	9.9	5.1	10.4	4.1
Female	605	460	918	519	9.6	7.3	9.7	5.5
Tenure								
Rented	728	480	1,258	552	9.5	6.2	10.5	4.6
Owned	963	538	1,703	677	9.8	5.5	10.1	4.0
Other	729	446	1,437	618	12.3	7.5	13.4	5.8

Source: Appendix Tables A.12, A.13, A.24, A.25
See Statistical Notes

Table 3. 1975 Average Disposable Incomes of Elderly and Non-Elderly Households
(1978 Dollars)

	Elderly	Non-Elderly
Total	$9,025	$14,908
Disposable Income Class		
Under $5,000	3,220	3,075
$5,000 to $9,999	7,187	7,706
$10,000 to $14,999	12,178	12,492
$15,000 to $19,999	17,198	17,292
$20,000 to $24,999	21,965	22,206
$25,000 to $29,999	27,066	27,149
$30,000 to $34,999	32,297	32,271
$35,000 and over	53,303	48,921
Poverty Level		
Poverty	2,632	4,117
Not Poverty	10,879	16,109
DOE Region		
New England	10,372	16,321
New York/New Jersey	10,409	16,899
Mid-Atlantic	9,284	14,855
South Atlantic	8,020	12,673
Midwest	9,257	16,053
Southwest	7,564	12,944
Central	7,761	13,761
North Central	8,200	13,825
West	10,265	15,693
Northwest	8,095	14,823
Location		
SMSA	10,119	15,925
Not SMSA	7,313	12,838
Not Defined	7,887	13,554
Race of Hsehold Head		
White	9,244	15,404
Black	6,598	10,773
Other	8,602	13,696
Sex of Hsehold Head		
Male	10,831	16,065
Female	6,274	9,425
Tenure		
Rented	7,707	11,942
Owned	9,789	16,880
Other	5,934	10,688

Source: Appendix Tables A.18, A.19
See Statistical Notes

Poverty Level

Poverty level classification of elderly households produces expenditure levels and proportions of income required which closely resemble the situation of the lowest income group, although percentages of disposable income for expenditures are slightly higher.

DOE Regions

Fuel expenditure classified by DOE region indicates the differences in energy costs among various areas. In all regions, the elderly households show substantially lower levels of expenditure than the non-elderly, ranging from $1,116--36 percent less--in the New York/New Jersey area, to $711--47.5 percent less--in the West. This $405 level of variation is close to the $429 level of variation of the non-elderly, although it represents greater relative variation from the average for the elderly than for the non-elderly. When considering home fuels only, expenditure of elderly households ranges by region from 15 to 24 percent less than that of the non-elderly. Although the level of home fuel variation is slightly greater than that of all fuels for both elderly and non-elderly households, the relative variation difference between the two groups is smaller. Households of the Northeastern United States (New England, New York/New Jersey, and Mid-Atlantic regions) and the Midwest region spend more for home fuels than any other DOE region. For both elderly and non-elderly households, New England is the region of highest home fuel expenditure, followed by the New York/New Jersey, Mid-Atlantic, and the Midwest regions. New England and New York/New Jersey illustrate a combination of severe winters and relatively higher fuel prices, with electricity, piped gas, bottled gas, and extensively-used fuel oil all near peak prices for the nation as a whole.[4] The contiguous Mid-Atlantic exhibits only slightly lower prices and milder winters. The Midwest, with severe winters, might well rank higher on the expenditure list were not extensively-used natural gas at a relatively low price. The mild West is the region of lowest expenditure, with elderly home fuel average expenditure $330 versus $433 for the non-elderly. Between these extremes of expenditure (which coincide in terms of ordering elderly/non-elderly expenditure), there is near coincidence for the two groups in the remaining five regions.

Regional ranking by home fuel expenditure expressed as a percentage of disposable income shifts only slightly from the order of regions according to expenditure. In general, high

---

[4] See Appendix A, Table A.63 for fuel prices used for this report.

expenditure regions are also high income areas. An exception is the West, which has the lowest energy expenditure but ranks high in income. The net effect of this combination is a relatively very low percentage of disposable income expended for home fuels for both elderly and non-elderly --3.2 and 2.8 percent, respectively. New England and New York/New Jersey have the highest home fuel expenditures accompained by the highest incomes.

Metropolitan Location

Elderly household home fuel expenditure is below that of the non-elderly in both SMSA and non-SMSA areas. Since incomes in non-SMSA areas are smaller, expenditures represent a larger proportion of income than for SMSAs for both elderly and non-elderly households, though this proportion is larger for the elderly. Non-SMSA elderly spend 20 percent less on home fuels than do the non-elderly, but these expenditures consume 7.2 percent of disposable income against the 5.1 percent of younger households. The inclusion of gasoline brings expenditures for all fuels for the elderly and non-elderly in non-SMSA areas to almost 12 percent of income.

Race of Household Head

Among the different racial groups, black elderly spend much less than do white elderly for home fuels. However, incomes for black households are almost 29 percent less than for whites, and black elderly households expend 7.2 percent of income for home fuel, 1.5 percentage points above the elderly average, and more than any other racial group. Lesser expenditure for gasoline keeps the elderly black household near the average all-fuel expenditure.

Sex of Household Head

Since some 40 percent of elderly households are headed by females, versus about 17 percent of the non-elderly, observing fuel expenditure variation by the sex of the household head is of particular interest. Female household heads of both elderly and non-elderly groups spend approximately 43 to 45 percent less for all fuels than male heads of the same groups. Since female household heads, both elderly and non-elderly, have incomes some 41 to 45 percent below their male counterparts, fuel expenditure as a percentage of income is similar for the two groups, 9.7 percent for non-elderly females and 9.6 percent for elderly females. There is a greater difference when only home fuels considered. Elderly female heads spend 17 percent less for home fuels than elderly male heads, but this lesser amount represents 7.3 percent of the elderly female income, 2.2 percentage points more than the 5.1 percent of income spent by elderly males. Elderly females also spend 1.8 percentage points more than the 5.5 percent of income spent by non-elderly female heads.

The Projected 1985 Elderly Household Population [5]

Projections for 1985 indicate there will be over 85.8 million households, an increase of 15.3 million over 1975. Of that total household population, 21.2 percent will be elderly, versus 20 percent in 1975. The increase of 1.2 percentage points represents over 4 million households and brings the elderly household population to 18.2 million.

Elderly household size is projected to decrease from 1.84 to 1.68 persons. This is a relatively smaller reduction, however, than in non-elderly households, which decrease from 3.31 to 2.95 persons.

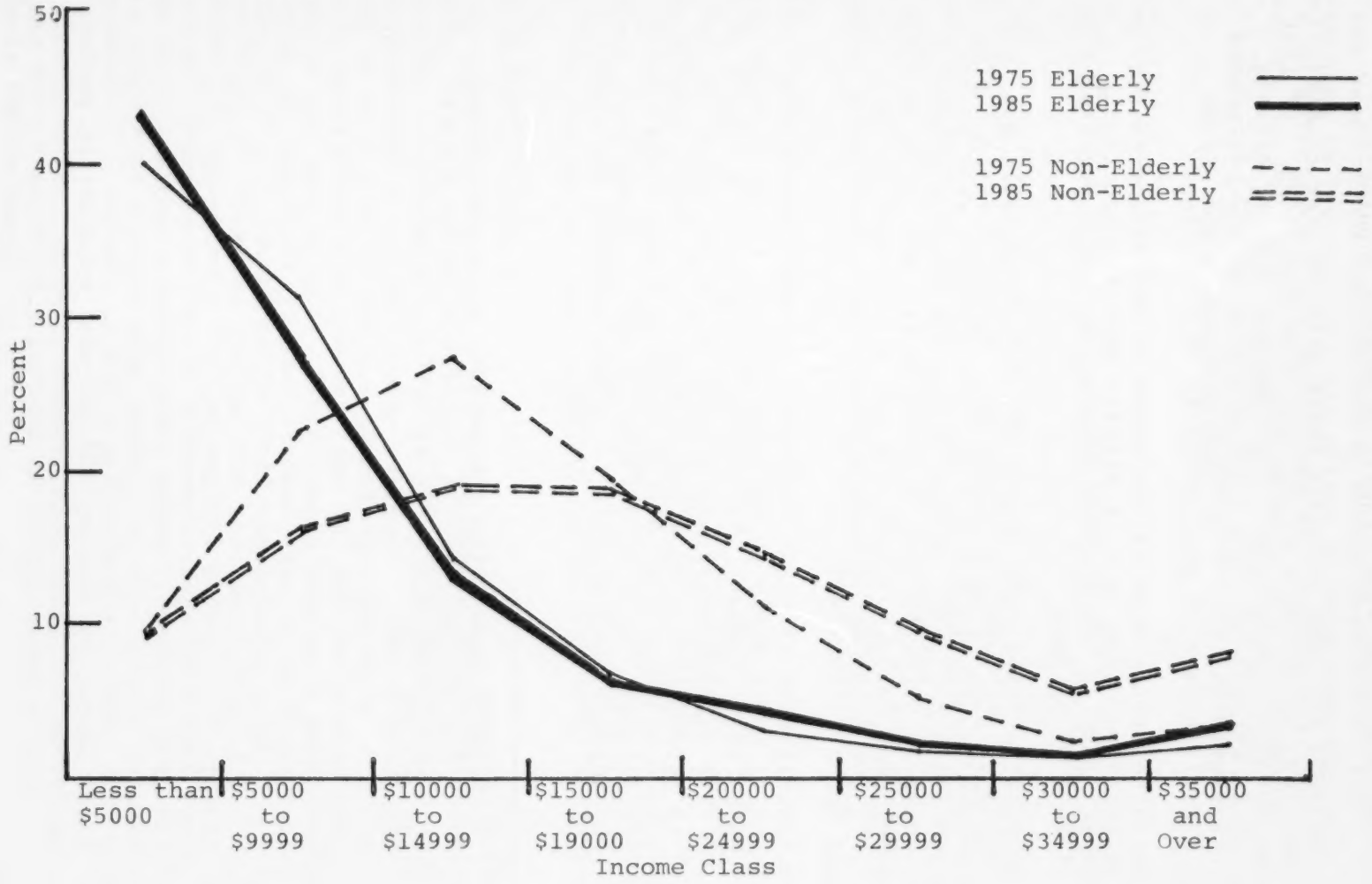
Disposable incomes rise almost 21 percent overall, but this increase is not evenly distributed. Although average elderly household income shows a 5.9 percent increase from $9,025 to $9,555 (1978 dollars), income of the non-elderly household increases 24 percent, from $14,908 to $18,488 (1978 dollars). Figure 1 and Table 4 illustrate the percentages of the elderly and non-elderly populations in each disposable income class for 1975 and 1985.

The distribution of these increased incomes reduces the numbers of non-elderly households in lower income classes and increases their numbers with higher incomes. The result is an obvious flattening of the population/income curve for non-elderly households. The proportion of all elderly households which have incomes under $10,000 remains about constant--70 percent in 1985 versus 71 percent in 1975. Non-elderly households with incomes under $10,000 represent only 25 percent of their population in 1985.

---

[5] MATH/CHRDS population projections are based on the Bureau of the Census' Current Population Survey figures. See "Population Estimates and Projections," Series P-25, Nos.601 and 607.

Figure 1. Elderly and Non-Elderly Household Population Percentages by Disposable Income Class--1975 and 1985
(1978 Dollars)



Source: Table 4
See Statistical Notes

Table 4. Elderly and Non-Elderly Household Population Percentages by Disposable Income Class --1975 and 1985 (1978 Dollars)

	Total Household Population		Elderly Household Population		Non-Elderly Household Population	
	1975	1985	1975	1985	1975	1985
Disposable Income Class						
Under $5,000	15.5	16.4	39.9	43.0	9.4	9.3
$5,000 to $9,999	24.2	18.4	31.2	27.0	22.5	16.1
$10,000 to $14,999	24.4	17.6	14.2	12.9	27.0	18.8
$15,000 to $19,999	16.8	16.1	6.8	6.4	19.3	18.7
$20,000 to $24,999	9.4	12.0	3.0	4.3	11.0	14.1
$25,000 to $29,999	4.6	7.9	1.8	2.2	5.3	9.5
$30,000 to $34,999	2.2	4.6	1.2	1.2	2.5	5.6
$35,000 and over	2.9	7.0	2.0	3.1	3.1	8.0

Source: Appendix Tables A.26 through A.28, A.57 through A.59
See Statistical Notes

The same proportion of elderly households remains at poverty level, although the number of non-elderly households shows a slight proportionate decrease of 1 percentage point. Regional and metropolitan locations of elderly households remain substantially the same, as does the racial distribution of household heads.

The most striking change in the elderly household population over the ten-year period is the increase in the proportion of elderly women as household heads in 1985. An increase of over 9 percentage points brings the proportion of elderly female household heads to 49 percent, almost one-half of all elderly households. In contrast, the proportion of female heads in non-elderly households in 1985 rises less than 1 percentage point to 22.3 percent. Thus, lower income and a large proportion of households headed by females continue to be the more identifiable traits of the elderly household population.

The main difference between 1975 and 1985 elderly and non-elderly populations using specific fuels occurs in gasoline use. Proportions of households using gasoline reduce 2.8 percentage points for the elderly, but only about one-half a percentage point for non-elderly households. In 1985, less than 63 percent of the elderly use gasoline, while almost 88 percent of non-elderly households indicate gasoline expenditure.

1985 Projected Average Fuel Expenditure Levels

Table 5 shows the average fuels expenditure of households projected for 1985. The national average household expenditure for all fuels increases by 15 percent over the 1975 expenditure level. This same percentage increase applies to both elderly and non-elderly households, which now spend $1,017 and $1,766 respectively. Elderly households, thus, continue to expend 42 percent less than do non-elderly.

As in 1975, gasoline is the fuel in which expenditure levels of elderly and non-elderly households show the greatest difference--almost $500. Elderly households using gasoline continue to expend 45 percent less than non-elderly households using gasoline and average gasoline expenditure has risen over 6 percent for both groups, maintaining the 1975 relative consumption pattern. But as noted, fewer elderly households have gasoline expenditure. Car ownership probably becomes more discretionary as energy prices increase vis-a-vis home fuel expenditure, at least for a group which tends to drive less initially.

Table 5. 1985 Average Fuel Expenditure of Household Groups, Expenditure as a Percentage of Disposable Income, Expenditure on a Per-Person Household Basis, and Percentage Change from 1975 (1978 Dollars)

	Expenditure			Expenditure as a Percentage of Disposable Income			Expenditure Per Person In Household		
	All Households	Elderly	Non-Elderly	All Households	Elderly	Non-Elderly	All Households	Elderly	Non-Elderly
Home Fuels									
Electricity	422	310	453	2.6	3.2	2.5	158	185	153
Percent Change	36.1	36.6	36.9	.3pt	.7pt	.3pt	53.4	50.4	53.0
Nat'l Gas	299	268	307	1.8	2.7	1.6	113	162	105
Percent Change	45.1	42.6	46.2	.3pt	.7pt	.2pt	63.8	55.8	64.1
Bottled Gas	278	271	280	1.9	3.3	1.7	101	155	91
Percent Change	-13.7	-10.6	-14.4	-.8pt	-.8pt	-.8pt	-1.9	-1.3	-4.2
Fuel Oil	454	437	460	2.7	4.2	2.4	169	257	154
Percent Change	2.3	1.6	2.9	-.4pt	-.3pt	-.5pt	15.0	10.3	14.9
Total Home Fuels	774	645	809	4.7	6.8	4.4	$289	384	274
Percent Change	27.5	24.8	28.4	.3pt	1.1pt	.2pt	43.8	36.7	44.2
Gasoline	1,010	598	1,089	5.5	5.0	5.5	354	310	360
Percent Change	6.3	6.2	6.7	-.8pt	-.2pt	-1.0pt	18.4	14.4	19.2
Total All Fuels	$1,607	1,017	1,766	9.7	10.7	9.6	$600	606	599
Percent Change	14.5	15.0	15.2	-.5pt	.9pt	-.7pt	29.0	26.3	29.4

Source: Appendix Tables A.42 through A.47, A.54 through A.56
See Statistical Notes

Home fuel expenditure in 1985 is projected to increase by a much greater percentage than gasoline for both the elderly and non-elderly. In 1985, elderly household home fuel expenditure of $645 is almost 25 percent more than in 1975, and is now 20 (rather than 18) percent less than 1985 home fuel expenditure by the non-elderly. This results in part from the greater 28 percent increase in the initially greater 1975 non-elderly home fuel expenditure.

Electricity and natural gas are the major contributors to increased 1985 home fuel expenditures. For both household groups, electricity expenditures increase nearly 37 percent. Natural gas expenditures increase 43 percent for the elderly and 46 percent for the non-elderly. Increases in expenditure for both of these widely-used fuels are predominantly the result of price increases. Electricity price increases well in excess of 20 percent occur over most of the United States, and more wide-spread use of appliances (such as heat pumps or air-conditioners) probably contributes togreater expenditure. Natural gas prices particularly increase--in excess of 100 percent in several regions (due to the Natural Gas Policy Act of 1978). Increases in prices of bottled gas and fuel oil are much more modest and some areas even show decreases for these fuels.[6]

Projected Energy Expenditures as a Percentage of Disposable Income

The uneven distribution of the ten-year overall 21 percent increase in average income between elderly and non-elderly households brings about shifts in the percentages of disposable incomes which the two groups spend for fuels. In 1975, the non-elderly spend a larger percentage of income on all fuels than do the elderly, principally because of much higher gasoline expenditures. But by 1985, the elderly spend a larger proportion of income for all fuels, in spite of essentially the same relative expenditure pattern. This is because the elderly receive only a 5.9 percent increase of income as opposed to the 24 percent income increase received by the non-elderly. While the non-elderly income increase is sufficient to counterbalance increased energy expenditure, the smaller increase received by the elderly is not.

---

[6] For more detail on projected price increases for all fuels, the reader is referred to EIA's Annual Report to Congress 1978

The increased proportion of income expended by the elderly in 1985 is primarily due to greater expenditure for home fuels. Gasoline expenditure as a percentage of income decreases from 1975 to 1985 for both elderly and non-elderly. But the heavy increases noted in electricity and natural gas expenditure raise home fuel expenditure as a proportion of 1985 elderly incomes more than a percentage point to almost 7 percent. On balance, increased home fuel expense combined with the lesser income increase bring the elderly proportion of income for fuel expenditure to almost 11 percent versus the 9.6 percent of the non-elderly.

Projected Energy Expenditure on a Per-Person Basis

In 1985, expenditure levels per-person in all households rise 29 percent for all fuels and 44 percent for home fuels. In all cases, with the usual exception of gasoline, the elderly household's per-person expenditure remains greater than the non-elderly's. Relative to the non-elderly, however, the elderly household's per-person expenditure does not increase as much. Whereas the size of all U.S. households decreases, the reduction in size of the non-elderly household--.36 persons--is greater than that of the elderly's--.16 persons. Per-person expenditure for the non-elderly household, therefore, increases proportionately more, or decreases in the case of bottled gas, than that of the elderly. Greater expenditure for home fuels by the elderly is counterbalanced by greater gasoline expenditure by the non-elderly. The result is an elderly per-person expenditure of $606, only slightly over the $599 per-person expenditure of the non-elderly for all fuels.

1985 Household Characteristics and Projected Energy Expenditure

Table 6 shows 1985 average energy expenditure of the elderly and the non-elderly by major household characteristics. Table 7 details the percentage change in expenditures over the ten-year period. Table 8 provides the 1985 average disposable incomes for elderly and non-elderly households and percentage changes from 1975.

In 1985, there is continued variation of energy expenditure within disposable income groups, but there is a slight shift. For the elderly, the variation in gasoline expenditure is reduced and that of home fuel expenditure is increased. Elderly high-income groups continue to expend

Table 6. 1985 Average Energy Expenditure by Elderly and Non-Elderly Households and Expenditure as a Percentage of Disposable Income
1978 Dollars)

	Expenditure				Percent of Disposable Income			
	Elderly		Non-Elderly		Elderly		Non-Elderly	
	All Fuels	Home Fuel	All Fuels	Home Fuel	All Fuels	Home Fuel	All Fuels	Home Fuel
Total	$1,017	$645	$1,766	$809	10.7	6.8	9.6	4.4
Disposable Income Class								
Under $5,000	676	536	1,066	564	20.9	16.5	35.6	18.9
$5,000 to $9,999	938	612	1,279	642	13.1	8.6	16.8	8.4
$10,000 to $14,999	1,301	718	1,543	731	10.7	5.9	12.3	5.8
$15,000 to $19,999	1,562	819	1,865	842	8.9	4.8	10.7	4.8
$20,000 to $24,999	1,686	852	1,985	882	7.6	3.8	8.9	4.0
$25,000 to $29,999	2,015	1,011	2,205	950	7.4	3.7	8.1	3.5
$30,000 to $34,999	1,934	967	2,336	1,001	5.9	3.0	7.2	3.1
$35,000 and over	2,252	1,099	2,546	1,110	4.3	2.1	5.3	2.3
Poverty Level								
Poverty	666	526	1,088	595	25.9	20.5	30.5	16.7
Not Poverty	1,119	679	1,833	830	9.7	5.9	9.2	4.2
DOE Region								
New England	1,185	855	1,987	1,055	10.7	7.7	9.8	5.2
New York/New Jersey	1,278	870	1,990	1,052	11.4	7.7	9.5	5.0
Mid-Atlantic	1,125	782	1,874	938	11.1	7.7	10.0	5.0
South Atlantic	955	585	1,678	729	11.3	6.9	10.6	4.6
Midwest	1,037	650	1,828	831	10.6	6.6	9.1	4.2
Southwest	891	543	1,645	728	11.3	6.9	10.2	4.5
Central	923	572	1,702	729	11.5	7.1	10.1	4.3
North Central	875	520	1,617	657	10.4	6.1	9.6	3.9
West	875	477	1,607	648	8.1	4.4	8.4	3.4
Northwest	859	454	1,573	556	10.0	5.3	8.6	3.0
Location								
SMSA	1,040	651	1,761	810	9.6	6.0	8.9	4.1
Not SMSA	986	644	1,770	815	12.9	8.4	11.1	5.1
Not Defined	989	626	1,782	801	12.0	7.6	10.7	4.8
Race of Hsehold Head								
White	1,035	648	1,834	819	10.6	6.6	9.5	4.3
Black	827	611	1,277	741	11.7	8.7	9.9	5.7
Other	977	641	1,518	722	10.6	7.0	9.1	4.4
Sex of Hsehold Head								
Male	1,282	708	1,951	848	10.4	5.8	9.5	4.1
Female	741	578	1,123	673	11.1	8.7	9.9	6.0
Tenure								
Rented	844	538	1,469	714	10.4	7.2	9.8	4.8
Owned	1,115	678	1,998	885	10.6	6.5	9.3	4.1
Other	850	555	1,681	755	13.9	9.1	12.9	5.8

Source: Appendix Tables A.43, A.44, A.55, A.56
See Statistical Notes

Table 7. Percentage Change in Average Energy Expenditure of Elderly, Non-Elderly and All Households--1975 to 1985
(1978 Dollars)

	Elderly		Non-Elderly		All Households	
	All Fuel	Home Fuel	All Fuel	Home Fuel	All Fuel	Home Fuel
Total	15.1	24.8	15.2	28.4	14.5	27.5
Disposable Income Class						
Under $5,000	20.9	23.5	21.1	26.7	18.7	24.8
$5,000 to $9,999	13.3	21.9	10.8	20.7	9.5	20.8
$10,000 to $14,999	10.9	22.1	2.8	17.9	2.9	18.2
$15,000 to $19,999	8.1	27.6	8.2	24.4	8.1	24.6
$20,000 to $24,999	4.8	21.2	1.3	22.2	1.3	22.1
$25,000 to $29,999	7.7	32.7	3.6	18.9	4.1	19.7
$30,000 to $34,999	-4.8	28.1	2.8	16.5	3.0	17.8
$35,000 and over	30.5	31.5	12.4	22.7	15.0	23.9
Poverty Level						
Poverty	19.1	22.9	11.1	20.7	10.9	20.9
Not Poverty	14.4	25.1	14.9	28.7	14.4	27.9
DOE Region						
New England	8.7	14.6	11.9	17.9	10.6	16.8
New York/New Jersey	14.5	22.4	14.8	26.1	14.2	25.2
Mid-Atlantic	16.8	23.7	17.9	26.8	17.2	26.0
South Atlantic	20.1	30.9	18.6	30.2	18.1	30.0
Midwest	12.0	22.2	11.8	27.1	11.1	25.9
Southwest	23.4	40.7	22.2	44.2	21.5	43.2
Central	9.4	17.9	10.2	20.1	8.7	19.1
North Central	11.8	24.1	13.0	31.1	12.3	29.7
West	23.1	44.6	18.8	49.7	19.0	48.7
Northwest	9.6	11.0	9.2	10.1	8.6	10.1
Location						
SMSA	15.7	27.4	15.3	30.9	15.0	30.1
Not SMSA	14.4	22.9	15.3	25.0	13.9	24.0
Not Defined	12.4	19.2	14.8	23.8	13.6	22.7
Race of Hsehold Head						
White	14.4	24.4	15.4	28.2	14.3	27.2
Black	26.8	29.2	19.8	31.6	20.8	31.4
Other	24.0	34.7	16.6	32.0	17.2	32.3
Sex of Hsehold Head						
Male	20.2	27.8	17.3	29.9	17.8	29.6
Female	22.5	25.7	22.3	29.7	21.9	28.1
Tenure						
Rented	15.9	22.5	16.8	29.4	16.7	28.3
Owned	15.8	26.0	17.3	30.7	15.8	29.2
Other	16.6	24.4	17.0	22.2	15.0	21.7

Source: Tables 2, 6, A.11, A.42
See Statistical Notes

Table 9. 1985 Average Disposable Income of Elderly and Non-Elderly Households with Percentage Change from 1975 (1978 Dollars)

	1985 Income		Percentage Change	
	Elderly	Non-Elderly	Elderly	Non-Elderly
Total	$9,555	$18,488	5.9	24.1
Disposable Income Class				
Under $5,000	3,240	2,991	0.6	- 2.7
$5,000 to $9,999	7,142	7,620	- 0.6	- 1.1
$10,000 to $14,999	12,152	12,515	- 0.2	0.3
$15,000 to $19,999	17,209	17,440	0.1	0.9
$20,000 to $24,999	22,251	22,339	1.3	0.6
$25,000 to $29,999	27,291	27,340	.8	0.7
$30,000 to $34,999	32,735	32,269	1.4	0.9
$35,000 and over	52,713	47,813	- 1.1	-2.3
Poverty Level				
Poverty	2,569	3,563	- 2.4	-13.5
Not Poverty	11,578	19,956	6.4	23.9
DOE Region				
New England	11,095	20,296	7.0	24.4
New York/New Jersey	11,240	21,010	8.0	24.3
Mid-Atlantic	10,154	18,754	9.4	26.3
South Atlantic	8,453	15,775	5.4	24.5
Midwest	9,796	20,026	5.8	24.8
Southwest	7,922	16,075	4.7	24.2
Central	8,013	16,849	3.3	22.4
North Central	8,457	16,863	3.1	22.0
West	10,768	19,200	4.9	22.4
Northwest	8,571	18,385	5.9	24.0
Location				
SMSA	10,786	19,734	6.6	23.9
Not SMSA	7,672	15,932	4.9	24.1
Not Defined	8,275	16,683	4.9	23.1
Race of Hsehold Head				
White	9,779	19,250	5.8	25.0
Black	7,055	12,946	6.9	20.2
Other	9,182	16,615	6.7	21.3
Sex of Hsehold Head				
Male	12,306	20,550	13.6	27.9
Female	6,674	11,295	6.4	19.8
Tenure				
Rented	8,129	14,975	5.5	25.4
Owned	10,482	21,458	7.1	27.1
Other	6,115	13,038	3.1	22.0

Source: Appendix Tables A.49, A,50, A18, A.19
See Statistical Notes

about twice the amount of the lowest income groups for home fuels and some three times the amount for all fuels. But as a percentage of income, the burden of energy expenditure in 1985 increases for the lower income classes, both elderly and non-elderly. The elderly with incomes under $5000, representing 43 percent of the elderly household population, spend 3 percentage points more than in 1975 for both all fuels and home fuels, while non-elderly households of the same income class suffer the greatest increase of 7 percentage points for all fuels. Income groups over $10,000 experience about a 1 percentage point increase or less. The situation of poverty groups is similar to that of the lowest income group, although more severe for the elderly and somewhat less severe for the non-elderly.

In 1985, New England, New York/New Jersey, the Mid-Atlantic, and Mid-West regions, in order, continue to show the highest levels of fuel expenditure for both elderly and non-elderly households. Increases in expenditures for all fuels for all households vary by region from a low of 8.6 percent to 21.5 percent. The largest percentage increases occur in home fuels in the Southwest and West regions and the smallest in the Northwest. Since the Northwest region in 1975 shows relatively low expenditure and receives the smallest increase, it becomes the region of lowest expenditure in 1985, replacing the West region which shows high increases. In the Southwest, increases are sufficiently large to remove it from a lower-expenditure category. Except for these changes, the regional expenditure pattern of both the elderly and non-elderly remains about the same.

There is virtually no change in the ranking of regions by disposable income in 1985. For both the elderly and non-elderly, New York/New Jersey, New England, and the West or Midwest are the highest income areas, while the South Atlantic, Central, and Southwest remain those of lowest income. Because expenditure increases occur unevenly, however, there are some changes in ranking regions by fuel expenditure as a percentage of disposable income. For the elderly, the Central and New York/New Jersey regions continue to require the highest proportions of income for all fuels. Expenditure increases in the South Atlantic and Southwest regions now bring these to third and fourth places. All of these regions in 1985 require over 11 percent of elderly incomes for all fuels. The West remains the lowest region with respect to percentage of income required for all fuels, with 8.1 percent. Considering home

fuels alone, regions ordered by high-to-low proportions of income spent have about the same ranking as when ordered by high-to-low level of expenditure. An exception for the elderly is the Midwest, where above-average incomes bring average expenditure to a less-than-average proportion of income. For every region, there is a varying increase in expenditure as a percentage of disposable income for the elderly up to 1.8 percentage points, while the non-elderly experience both increases and decreases, all about 1 percentage point or less.

In 1985, the elderly located in metropolitan areas show higher expenditure, both for all fuels and for home fuels, than do elderly households located outside of SMSAs, although the difference is small. But income differences cause fuel expenditure as a percentage of income to be greater in the non-metropolitan areas than in SMSAs. Elderly households within SMSAs continue fuel expenditure of smaller income proportion than the national average of the elderly of 10.7 percent, whereas those outside of SMSAs expend 12.9 percent, over 2 percentage points more than the elderly average.

Black and other non-white elderly have larger increases in expenditure by 1985, so the amount of variation in expenditures between elderly racial groups is reduced. Black incomes, however, are some 28 percent less than those of whites, the racial group with the highest income, and blacks continue to expend significantly higher percentages of income for fuels.

In 1985, elderly households headed by females continue to spend 42-43 percent less for fuels than those headed by elderly males, representing little proportionate change from 1975. But elderly females, whose 1975 incomes are well below the elderly average, experience an income increase of only 6.4 percent by 1985, while elderly males and both non-elderly groups show income increases from 13.6 to 27.9 percent. The small income increase of elderly females is far outweighed by energy expenditure increases in excess of 20 percent, and the position of elderly females regarding proportions of income for fuel expenditure thus deteriorates. That of other groups improves or stays about the same, since they have received larger income increases serving to balance increased energy expenditures.

The situation of elderly households headed by females is a heightened example of the probable impacts of fuel price increases upon elderly households in general. Although there are many determinants of energy expenditure, income is clearly of chief importance. Although there are elderly households in all income classes, the bulk of the elderly household population is of lower income, with indications that its income sources are not of readily increasing types. For lower-income groups, both elderly and non-elderly, increasing energy costs unmatched by increasing disposable incomes worsens their relative positions in the future.

REFERENCES

1. John M. Brazzel, et al., A Distributional Analysis for the 1985 Energy Projections for the Annual Report to Congress of the Energy Information Administration, Washington, D.C., Energy Information Administration, June 1978, AM/IA/78-09.

2. Leon J. Hunter, et al., Distributional Analysis of Trends in Energy Expenditure by Black Households, Washington, D.C., Energy Information Administration, January 1980, AR/IA/80-07.

3. Bureau of the Census, Demographic Asects of Aging and the Older Population in the United States, Current Population Report: Special Studies: Series P.23 No.59, May 1976.

4. Energy Information Administration, Annual Report to Congress 1978, Washington, D.C., EIA, June 1979, DOE/EIA/-0173-3.

5. Jill A. King, The Distributional Impact of Energy Policies: Development and Application of the Phase 1 Comprehensive Human Resources Data System, final report to the Department of Energy, Washington, D.C., Mathematica Policy Research, June 1977.

6. Residential Energy Consumption by Functional End Use in 1975, final report to the Department of Energy, Washington, D.C., Mathematica Policy Research, November 1979.

7. David Platt, et el., Documentation of the revised 1974 and 1977 CHRDS Files, report to the Department of Energy Washington, D.C., Mathematica Policy Research, January 1978.

APPENDIX A

List of Tables

A.1 Numbers of Households Purchasing Various Fuels--1975

A.2 Numbers of All Households Purchasing Particular Fuels--1975

A.3 Numbers of Elderly Households Purchasing Particular Fuels--1975

A.4 Numbers of Non-Elderly Households Purchasing Particular Fuels--1975

A.5 Numbers of Persons in All Households Purchasing Particular Fuels--1975

A.6 Numbers of Persons in Elderly Households Purchasing Particular Fuels--1975

A.7 Numbers of Persons in Non-Elderly Households Purchasing Particular Fuels--1975

A.8 Average Numbers of Persons in All Households Purchasing Particular Fuels--1975

A.9 Average Numbers of Persons in Elderly Households Purchasing Particular Fuels--1975

A.10 Average Numbers of Persons in Non-Elderly Households Purchasing Particular Fuels--1975

A.11 Average Fuel Expenditure of All Households Purchasing Particular Fuels--1975 (1978 Dollars)

A.12 Average Fuel Expenditure of Elderly Households Purchasing Particular Fuels--1975 (1978 Dollars)

A.13 Average Fuel Expenditure of Non-Elderly Households Purchasing Particular Fuels--1975 (1978 Dollars)

A.14 Per Person Average Fuel Expenditure of All Households Purchasing Particular Fuels--1975 (1978 Dollars)

A.15 Per Person Average Fuel Expenditure of Elderly Households Purchasing Particular Fuels--1975 (1978 Dollars)

A.16 Per Person Average Fuel Expenditure of Non-Elderly Households Purchasing Particular Fuels--1975 (1978 Dollars)

A.17 Average Disposable Income of All Households Purchasing Particular Fuels--1975 (1978 Dollars)

A.18 Average Disposable Income of Elderly Households Purchasing Particular Fuels--1975 (1978 Dollars)

A.19 Average Disposable Income of Non-Elderly Households Purchasing Particular Fuels--1975 (1978 Dollars)

A.20 Per Person Average Disposable Income of All Households Purchasing Particular Fuels--1975 (1978 Dollars)

A.21 Per Person Average Disposable Income of Elderly Households Purchasing Particular Fuels--1975 (1978 Dollars)

A.22 Per Person Average Disposable Income of Non-Elderly Households Purchasing Particular Fuels--1975 (1978 Dollars)

A.23 Average Fuel Expenditure of All Households as a Percentage of Disposable Income--1975

A.24 Average Fuel Expenditure of Elderly Households as a Percentage of Disposable Income--1975

A.25 Average Fuel Expenditure of Non-Elderly Households as a Percentage of Disposable Income--1975

A.26 Percentages of All Households by Specific Characteristics by Type of Fuel Used--1975

A.27 Percentages of Elderly Households by Specific Characteristics by Type of Fuel Used--1975

A.28 Percentages of Non-Elderly Households by Specific Characteristics by Type of Fuel Used--1975

A.29 Percentages of All Households by Specific Fuels Used by Characteristic--1975

A.30 Percentages of Ederly Households by Specific Fuels Used by Characteristic--1975

A.31 Percentages of Non-Elderly Households by Specific Fuels Used by Characteristic--1975

A.32 Numbers of Households Purchasing Various Fuels--1985

A.33 Numbers of All Households Purchasing Particular Fuels--1985

A.34 Numbers of Elderly Households Purchasing Particular Fuels--1985

A.35 Numbers of Non-Elderly Households Purchasing Particular Fuels--1985

A.36 Numbers of Persons in All Households Purchasing Particular Fuels--1985

A.37 Numbers of Persons in Elderly Households Purchasing Particular Fuels--1985

A.38 Numbers of Persons in Non-Elderly Households Purchasing Particular Fuels--1985

A.39 Average Numbers of Persons in All Households Purchasing Particular Fuels--1985

A.40 Average Numbers of Persons in Elderly Households Purchasing Particular Fuels--1985

A.41 Average Numbers of Persons in Non-Elderly Households Purchasing Particular Fuels--1985

A.42 Average Fuel Expenditure of All Households Purchasing Particular Fuels--1985 (1978 Dollars)

A.43 Average Fuel Expenditure of Elderly Households Purchasing Particular Fuels--1985 (1978 Dollars)

A.44 Average Fuel Expenditure of Non-Elderly Households Purchasing Particular Fuels--1985 (1978 Dollars)

A.45 Per Person Average Fuel Expenditure of All Households Purchasing Particular Fuels--1985 (1978 Dollars)

A.46 Per Person Average Fuel Expenditure of Elderly Households Purchasing Particular Fuels--1985 (1978 Dollars)

A.47 Per Person Average Fuel Expenditure of Non-Elderly Households Purchasing Particular Fuels--1985 (1978 Dollars)

A.48 Average Disposable Income of All Households Purchasing Particular Fuels--1985 (1978 Dollars)

A.49 Average Disposable Income of Elderly Households Purchasing Particular Fuels--1985 (1978 Dollars)

A.50 Average Disposable Income of Non-Elderly Households Purchasing Particular Fuels--1985 (1978 Dollars)

A.51 Per Person Average Disposable Income of All Households Purchasing Particular Fuels--1985 (1978 Dollars)

A.52 Per Person Average Disposable Income of Elderly Households Purchasing Particular Fuels--1985 (1978 Dollars)

A.53 Per Person Average Disposable Income of Non-Elderly Households Purchasing Particular Fuels--1985 (1978 Dollars)

A.54 Average Fuel Expenditure of All Households as a Percentage of Disposable Income--1985

A.55 Average Fuel Expenditure of Elderly Households as a Percent of Disposable Income--1985

A.56 Average Fuel Expenditure of Non-Elderly Households as a Percentage of Disposable Income--1985

A.57 Percentages of All Households by Specific Characteristics by Type of Fuel Used--1985

A.58 Percentages of Elderly Households by Specific Characteristics by Type of Fuel Used--1985

A.59 Percentages of Non-Elderly Households by Specific Characteristics by Type of Fuel Used--1985

A.60 Percentages of All Households by Specific Fuels Used by Characteristic--1985

A.61 Percentages of Elderly Households by Specific Fuels Used by Characteristic--1985

A.62 Percentages of Non-Elderly Households by Specific Fuels Used by Characteristic--1985

A.63 Department of Energy Regions by State and Energy Prices by Fuel Type--1975 and 1985 (1978 Dollars)

TABLE A.1
NUMBERS OF HOUSEHOLDS PURCHASING VARIOUS FUELS--1975

	AGE OF HSEHOLD HEAD				TOTAL	
	UNDER 65		65 AND OVER			
	NO. OF SAMPLE HOUSEHOLDS	WEIGHTED NO. OF HOUSEHOLDS	NO. OF SAMPLE HOUSEHOLDS	WEIGHTED NO. OF HOUSEHOLDS	NO. OF SAMPLE HOUSEHOLDS	WEIGHTED NO. OF HOUSEHOLDS
TOTAL	138,428	56,349,664	36,367	14,100,686	174,795	70,450,351
DISPOSABLE INCOME CLASS IN $1978:						
UNDER $5,000	27,299	5,320,404	18,342	5,626,756	45,641	10,947,161
$5,000 TO $9,999	52,486	12,657,935	12,772	4,391,837	65,258	17,049,773
$10,000 TO $14,999	33,290	15,209,607	3,171	1,999,829	36,461	17,209,437
$15,000 TO $19,999	14,498	10,871,231	1,112	953,376	15,610	11,824,607
$20,000 TO $24,999	6,007	6,202,466	444	422,367	6,451	6,624,833
$25,000 TO $29,999	2,433	2,955,641	211	249,998	2,644	3,205,639
$30,000 TO $34,999	1,081	1,382,761	123	169,514	1,204	1,552,275
$35,000 AND OVER	1,334	1,749,618	192	287,009	1,526	2,036,627
POVERTY LEVEL:						
POVERTY	37,493	5,641,989	11,130	3,170,903	48,623	8,812,492
NOT = POVERTY	100,935	50,707,675	25,237	10,929,784	126,172	61,637,459
DOE REGION:						
NEW ENGLAND	10,547	3,150,265	3,374	863,261	13,921	4,013,525
NEW YORK/NEW JERSEY	10,110	6,849,091	2,536	1,751,047	12,646	8,600,139
MID-ATLANTIC	16,422	6,458,580	3,935	1,479,759	20,357	7,938,346
SOUTH ATLANTIC	26,476	8,992,586	6,572	2,439,031	33,051	11,431,618
MIDWEST	22,218	11,792,358	5,931	2,863,575	28,149	14,655,933
SOUTHWEST	16,728	5,748,606	3,878	1,409,411	20,606	7,158,017
CENTRAL	11,132	2,955,611	3,347	955,019	14,479	3,910,630
NORTH CENTRAL	9,158	1,611,747	2,574	394,945	11,732	2,006,692
WEST	9,776	6,944,305	2,374	1,479,513	12,150	8,423,818
NORTHWEST	5,858	1,846,507	1,846	465,126	7,704	2,311,633
LOCATION:						
SMSA	64,554	35,568,296	14,913	8,071,858	79,467	43,640,154
NOT SMSA	29,174	11,223,411	8,928	3,444,397	38,102	14,667,808
NOT DEFINED	44,700	9,557,957	12,526	2,584,432	57,226	12,142,389
RACE OF HSEHOLD HEAD:						
WHITE	108,687	49,981,641	32,026	12,874,382	140,713	62,856,023
BLACK	28,039	5,842,881	4,094	1,150,225	32,133	6,993,107
OTHER	1,702	525,142	247	76,079	1,949	601,221
SEX OF HSEHOLD HEAD:						
MALE	88,926	46,533,280	20,306	8,511,198	109,232	55,044,478
FEMALE	49,502	9,816,384	16,061	5,589,489	65,563	15,405,873
TENURE:						
RENTED	62,118	20,527,303	10,409	4,250,252	72,527	24,777,554
OWNED	70,178	34,249,723	24,335	9,349,589	94,513	43,599,311
OTHER	6,132	1,572,639	1,623	500,846	7,755	2,073,485

SEE STATISTICAL NOTES

TABLE A.2

NUMBERS OF ALL HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975

	ALL FUEL	ALL HOME FUELS	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	70,450,351	70,450,351	70,445,773	51,118,964	8,151,036	16,882,595	867,491	59,036.759
DISPOSABLE INCOME CLASS IN $1978								
UNDER $5,000	10,947,161	10,947,161	10,945,340	7,583,833	1,595,483	2,364,050	206,567	5,704.115
$5,000 TO $9,999	17,049,773	17,049,773	17,048,429	12,039,885	2,311,157	4,008,685	265,740	13,326.310
$10,000 TO $14,999	17,209,437	17,209,437	17,209,060	12,478,595	2,026,817	4,331,109	235,656	15,775.775
$15,000 TO $19,999	11,824,607	11,824,607	11,824,607	8,790,330	1,195,729	2,869,322	94,708	11,273.662
$20,000 TO $24,999	6,624,833	6,624,833	6,623,796	5,009,399	560,616	1,558,631	38,000	6,423.305
$25,000 TO $29,999	3,205,639	3,205,639	3,205,639	2,491,308	215,439	778,296	16,442	3,071.185
$30,000 TO $34,999	1,552,275	1,552,275	1,552,275	1,224,016	105,984	419,709	7,983	1,495.888
$35,000 AND OVER	2,036,627	2,036,627	2,036,627	1,501,598	139,811	552,742	2,396	1,466.519
POVERTY LEVEL								
POVERTY	8,812,892	8,812,892	8,811,284	5,928,520	1,407,560	1,737,832	186,679	4,929.194
NOT = POVERTY	61,637,459	61,637,459	61,634,489	45,190,443	6,743,477	15,144,763	680,813	54,107.565
DOE REGION								
NEW ENGLAND	4,013,525	4,013,525	4,013,353	2,273,700	492,656	2,829,269	6,703	3,254.207
NEW YORK/NEW JERSEY	8,600,139	8,600,139	8,600,139	6,751,210	668,913	4,842,321	50,928	6,766.284
MID-ATLANTIC	7,938,346	7,938,346	7,937,574	5,567,297	705,149	2,970,267	335,137	6,557.248
SOUTH ATLANTIC	11,431,618	11,431,618	11,430,644	5,330,063	2,240,709	2,213,508	174,263	9,427.693
MIDWEST	14,655,933	14,655,933	14,655,547	11,991,219	1,427,128	2,622,265	225,660	12,611.067
SOUTHWEST	7,158,017	7,158,017	7,157,634	5,925,432	996,389	49,907	3,363	5,956.587
CENTRAL	3,910,630	3,910,630	3,910,319	3,074,533	727,813	343,743	14,180	3,325.699
NORTH CENTRAL	2,006,692	2,006,692	2,005,654	1,594,764	228,795	214,183	22,994	1,763.308
WEST	8,423,818	8,423,818	8,423,415	7,591,815	443,524	87,759	20,268	7,322.606
NORTHWEST	2,311,633	2,311,633	2,311,495	1,018,930	219,961	709,372	11,995	2,052.057
LOCATION								
SMSA	43,640,154	43,640,154	43,637,445	35,254,200	2,967,660	10,024,893	432,132	36,367.629
NOT SMSA	14,667,808	14,667,808	14,667,550	8,085,713	3,015,888	3,844,490	298,984	12,350.397
NOT DEFINED	12,142,389	12,142,389	12,140,778	7,779,050	2,167,488	3,013,212	136,376	10,318.733
AGE OF HSEHOLD HEAD								
UNDER 65	56,349,664	56,349,664	56,346,000	41,092,025	6,373,335	13,231,456	627,726	49,852.566
65 AND OVER	14,100,686	14,100,686	14,099,773	10,026,938	1,777,702	3,651,138	239,765	9,184.193
RACE OF HSEHOLD HEAD								
WHITE	62,856,023	62,856,023	62,852,882	45,254,186	7,303,415	15,325,799	703,753	54,563.670
BLACK	6,993,107	6,993,107	6,991,669	5,385,555	787,195	1,458,319	154,558	4,015.218
OTHER	601,221	601,221	601,221	479,222	60,426	98,477	9,180	459.871
SEX OF HSEHOLD HEAD								
MALE	55,044,478	55,044,478	55,041,158	39,240,986	6,701,428	13,526,466	645,692	50,515.215
FEMALE	15,405,873	15,405,873	15,404,615	11,877,978	1,449,609	3,356,131	221,799	8,521.544
TENURE								
RENTED	24,777,554	24,777,554	24,772,977	19,869,146	1,729,952	5,870,808	379,855	18,327.311
OWNED	43,599,311	43,599,311	43,599,311	30,147,074	5,909,634	10,502,326	450,589	39,675.250
OTHER	2,073,485	2,073,485	2,073,485	1,102,744	511,450	509,463	37,048	1,634.198

SEE STATISTICAL NOTES

TABLE A.3

NUMBERS OF ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	14,100,686	14,100,686	14,099,773	10,026,938	1,777,702	3,651,138	239,765	9,184,193
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	5,626,756	5,626,756	5,626,135	3,885,861	823,877	1,321,636	113,267	2,418,883
$5,000 TO $9,999	4,391,837	4,391,837	4,391,544	3,099,207	554,945	1,157,263	67,686	3,192,321
$10,000 TO $14,999	1,999,829	1,999,829	1,999,829	1,477,639	222,750	575,367	33,538	1,711,796
$15,000 TO $19,999	953,376	953,376	953,376	705,987	91,160	276,344	13,846	829,097
$20,000 TO $24,999	422,367	422,367	422,367	301,344	47,092	115,968	6,472	388,907
$25,000 TO $29,999	249,998	249,998	249,998	198,828	16,386	84,347	3,815	222,614
$30,000 TO $34,999	169,514	169,514	169,514	147,788	6,889	39,512	1,140	154,032
$35,000 AND OVER	287,009	287,009	287,009	210,283	14,605	80,702	0	266,543
POVERTY LEVEL:								
POVERTY	3,170,903	3,170,903	3,170,282	2,106,594	511,246	701,727	71,260	1,262,637
NOT = POVERTY	10,929,784	10,929,784	10,929,491	7,920,344	1,266,456	2,949,411	168,505	7,921,557
DOE REGION:								
NEW ENGLAND	863,261	863,261	863,261	523,346	105,710	613,034	3,898	506,551
NEW YORK/NEW JERSEY	1,751,047	1,751,047	1,751,047	1,343,469	137,954	1,066,897	17,192	1,006,043
MID-ATLANTIC	1,479,759	1,479,759	1,479,364	1,041,422	112,048	588,145	87,232	922,406
SOUTH ATLANTIC	2,439,031	2,439,031	2,439,031	1,103,653	529,594	479,980	58,375	1,600,732
MIDWEST	2,863,575	2,863,575	2,863,188	2,323,941	299,670	546,042	57,831	1,970,391
SOUTHWEST	1,409,411	1,409,411	1,409,411	1,123,961	284,282	14,570	1,237	905,670
CENTRAL	955,019	955,019	954,887	735,298	173,827	102,583	2,431	645,881
NORTH CENTRAL	394,945	394,945	394,945	306,784	42,290	56,943	6,624	265,363
WEST	1,479,513	1,479,513	1,479,513	1,312,842	90,308	25,218	1,685	1,038,925
NORTHWEST	465,126	465,126	465,126	212,224	42,018	157,727	3,260	322,232
LOCATION:								
SMSA	8,071,858	8,071,858	8,071,178	6,449,971	568,803	2,140,476	127,297	5,153,525
NOT SMSA	3,444,397	3,444,397	3,444,397	1,936,793	717,504	853,075	71,092	2,316,440
NOT DEFINED	2,584,432	2,584,432	2,584,197	1,640,174	491,394	657,588	41,376	1,714,228
RACE OF HSEHOLD HEAD:								
WHITE	12,874,382	12,874,382	12,873,862	9,137,538	1,592,895	3,419,775	201,713	8,638,628
BLACK	1,150,225	1,150,225	1,149,831	811,800	172,022	221,808	37,740	502,006
OTHER	76,079	76,079	76,079	57,599	12,784	9,555	312	43,559
SEX OF HSEHOLD HEAD:								
MALE	8,511,198	8,511,198	8,510,416	5,849,912	1,177,073	2,219,860	147,404	6,953,543
FEMALE	5,589,489	5,589,489	5,589,356	4,177,026	600,629	1,431,278	92,361	2,230,651
TENURE:								
RENTED	4,250,252	4,250,252	4,249,338	3,435,426	237,486	1,210,837	82,051	1,475,730
OWNED	9,349,589	9,349,589	9,349,589	6,322,785	1,423,385	2,317,082	151,104	6,924,430
OTHER	500,846	500,846	500,846	268,728	116,831	123,220	6,610	284,033

SEE STATISTICAL NOTES

TABLE A.4

NUMBERS OF NON-ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	56,349,664	56,349,664	56,346,000	41,092,025	6,373,335	13,231,456	627,726	49,652,566
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	5,320,404	5,320,404	5,319,205	3,697,972	771,607	1,042,415	93,299	3,285,232
$5,000 TO $9,999	12,657,935	12,657,935	12,656,885	8,940,678	1,756,213	2,351,422	198,054	10,133,989
$10,000 TO $14,999	15,209,607	15,209,607	15,209,231	11,000,956	1,804,068	3,755,742	202,118	14,063,979
$15,000 TO $19,999	10,871,231	10,871,231	10,871,231	8,064,343	1,104,569	2,592,978	80,862	10,444,564
$20,000 TO $24,999	6,202,466	6,202,466	6,201,429	4,708,054	513,524	1,442,663	31,529	6,034,398
$25,000 TO $29,999	2,955,641	2,955,641	2,955,641	2,292,480	199,054	693,949	12,427	2,848,571
$30,000 TO $34,999	1,382,761	1,382,761	1,382,761	1,076,227	99,094	380,198	6,842	1,341,856
$35,000 AND OVER	1,749,618	1,749,618	1,749,618	1,291,316	125,206	472,090	2,396	1,699,976
POVERTY LEVEL:								
POVERTY	5,641,989	5,641,989	5,641,002	3,821,926	896,313	1,036,105	115,418	3,666,558
NOT = POVERTY	50,707,675	50,707,675	50,704,998	37,270,099	5,477,021	12,195,351	512,308	45,186,008
DOE REGION:								
NEW ENGLAND	3,150,265	3,150,265	3,150,093	1,750,354	386,946	2,216,235	2,805	2,747,656
NEW YORK/NEW JERSEY	6,849,091	6,849,091	6,849,091	5,407,741	530,959	3,775,424	33,736	5,760,241
MID-ATLANTIC	6,458,588	6,458,588	6,458,209	4,525,875	593,101	2,382,123	247,905	5,634,841
SOUTH ATLANTIC	8,992,586	8,992,586	8,991,613	4,226,410	1,711,114	1,733,528	117,888	7,826,961
MIDWEST	11,792,358	11,792,358	11,792,358	9,667,278	1,127,458	2,076,223	167,829	10,640,677
SOUTHWEST	5,748,606	5,748,606	5,748,223	4,801,471	752,107	35,337	2,126	5,050,918
CENTRAL	2,955,611	2,955,611	2,955,432	2,339,235	553,986	241,160	11,749	2,679,818
NORTH CENTRAL	1,611,747	1,611,747	1,610,710	1,287,980	186,504	157,239	16,371	1,497,945
WEST	6,944,305	6,944,305	6,943,902	6,278,973	353,216	82,542	18,583	6,283,683
NORTHWEST	1,846,507	1,846,507	1,846,369	806,706	177,943	551,646	8,735	1,729,826
LOCATION:								
SMSA	35,568,296	35,568,296	35,566,267	28,804,229	2,398,857	7,864,417	304,834	31,214,104
NOT SMSA	11,223,411	11,223,411	11,223,153	6,148,920	2,298,384	2,991,415	227,892	10,033,957
NOT DEFINED	9,557,957	9,557,957	9,556,581	6,138,876	1,676,094	2,355,624	95,000	8,604,505
RACE OF HSEHOLD HEAD:								
WHITE	49,981,641	49,981,641	49,979,020	36,096,648	5,710,520	11,905,023	502,040	45,925,042
BLACK	5,842,881	5,842,881	5,841,838	4,573,755	615,173	1,234,511	116,818	3,511,211
OTHER	525,142	525,142	525,142	421,623	47,641	88,922	8,869	416,312
SEX OF HSEHOLD HEAD:								
MALE	46,533,280	46,533,280	46,530,742	33,391,074	5,524,355	11,106,604	498,288	43,561,672
FEMALE	9,816,384	9,816,384	9,815,259	7,700,952	848,980	2,124,853	129,438	6,290,894
TENURE:								
RENTED	20,527,303	20,527,303	20,523,639	16,433,720	1,492,466	4,659,970	247,804	16,351,581
OWNED	34,249,723	34,249,723	34,249,723	23,824,289	4,486,250	8,185,248	298,484	32,150,820
OTHER	1,572,639	1,572,639	1,572,639	834,016	394,619	386,243	30,438	1,350,165

SEE STATISTICAL NOTES

TABLE A.5

NUMBERS OF PERSONS IN ALL HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975 (IN THOUSANDS)

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	212,459	212,459	212,450	152,762	25,381	50,777	2,586	187,831
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	18,626	18,626	18,622	12,363	3,057	3,839	366	11,369
$5,000 TO $9,999	45,108	45,108	45,104	30,701	6,824	10,153	820	35,803
$10,000 TO $14,999	55,980	55,980	55,980	39,990	7,083	13,956	822	51,231
$15,000 TO $19,999	42,077	42,077	42,077	31,078	4,374	10,325	329	40,151
$20,000 TO $24,999	24,580	24,580	24,579	18,619	2,166	5,763	126	23,866
$25,000 TO $29,999	12,683	12,683	12,683	9,813	916	3,055	71	12,295
$30,000 TO $34,999	5,813	5,813	5,813	4,622	418	1,566	36	5,665
$35,000 AND OVER	7,592	7,592	7,592	5,576	543	2,119	15	7,450
POVERTY LEVEL:								
POVERTY	24,334	24,334	24,331	15,800	4,267	4,606	567	16,180
NOT = POVERTY	188,125	188,125	188,119	136,962	21,114	46,171	2,018	171,651
DOE REGION:								
NEW ENGLAND	12,073	12,073	12,072	6,606	1,572	8,554	161	10,562
NEW YORK/NEW JERSEY	25,463	25,463	25,463	19,816	2,051	13,860	156	21,597
MID-ATLANTIC	24,098	24,098	24,097	16,629	2,185	8,923	1,038	21,062
SOUTH ATLANTIC	35,366	35,366	35,364	16,245	7,074	6,955	602	30,458
MIDWEST	45,359	45,359	45,358	36,832	4,433	8,426	563	41,155
SOUTHWEST	22,018	22,018	22,017	18,203	3,149	128	81	19,147
CENTRAL	11,298	11,298	11,298	8,822	2,253	1,051	47	10,203
NORTH CENTRAL	6,103	6,103	6,102	4,830	723	644	67	5,656
WEST	23,957	23,957	23,954	21,778	1,296	217	52	21,693
NORTHWEST	6,725	6,725	6,725	3,000	645	2,020	35	6,298
LOCATION:								
SMSA	130,499	130,499	130,493	105,262	9,190	29,596	1,136	114,738
NOT SMSA	44,328	44,328	44,328	23,853	9,254	11,871	995	39,453
NOT DEFINED	37,632	37,632	37,630	23,647	6,937	9,310	455	33,640
AGE OF HSEHOLD HEAD:								
UNDER 65	186,502	186,502	186,494	134,594	21,946	44,033	2,097	168,707
65 AND OVER	25,958	25,958	25,956	18,167	3,435	6,744	488	19,124
RACE OF HSEHOLD HEAD								
WHITE	186,349	186,349	186,344	133,123	22,188	45,556	2,026	170,960
BLACK	24,073	24,073	24,069	18,053	2,957	4,883	529	15,228
OTHER	2,037	2,037	2,037	1,586	236	338	30	1,643
SEX OF HSEHOLD HEAD:								
MALE	181,076	181,076	181,070	128,665	22,303	43,938	2,093	169,678
FEMALE	31,383	31,383	31,381	24,097	3,077	6,839	492	18,153
TENURE:								
RENTED	65,430	65,430	65,421	51,626	5,412	15,279	1,059	51,183
OWNED	140,437	140,437	140,437	97,773	18,279	33,918	1,391	130,998
OTHER	6,592	6,592	6,592	3,363	1,590	1,580	135	5,650

SEE STATISTICAL NOTES

TABLE A.6

NUMBERS OF PERSONS IN ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975 (IN THOUSANDS)

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	25,958	25,958	25,956	18,167	3,435	6,744	488	19,124
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	7,455	7,455	7,454	4,965	1,209	1,719	166	3,752
$5,000 TO $9,999	8,424	8,424	8,423	5,769	1,167	2,110	153	6,302
$10,000 TO $14,999	4,469	4,469	4,469	3,222	545	1,277	84	3,888
$15,000 TO $19,999	2,410	2,410	2,410	1,770	259	680	50	2,169
$20,000 TO $24,999	1,227	1,227	1,227	881	145	349	21	1,149
$25,000 TO $29,999	726	726	726	578	55	234	10	677
$30,000 TO $34,999	484	484	484	430	19	138	5	457
$35,000 AND OVER	762	762	762	552	36	237	0	730
POVERTY LEVEL:								
POVERTY	4,662	4,662	4,662	2,954	836	983	123	2,347
NOT = POVERTY	21,296	21,296	21,295	15,214	2,599	5,761	365	16,777
DOE REGION:								
NEW ENGLAND	1,568	1,568	1,568	937	208	1,124	7	1,095
NEW YORK/NEW JERSEY	3,274	3,274	3,274	2,503	273	1,987	37	2,269
MID-ATLANTIC	2,860	2,860	2,859	1,993	222	1,124	180	2,060
SOUTH ATLANTIC	4,828	4,828	4,828	2,104	1,098	936	133	3,488
MIDWEST	5,093	5,095	5,094	4,144	529	943	100	3,943
SOUTHWEST	2,635	2,635	2,635	2,054	496	25	2	1,908
CENTRAL	1,637	1,637	1,637	1,246	311	186	7	1,247
NORTH CENTRAL	689	689	689	532	78	98	13	521
WEST	2,583	2,583	2,583	2,295	150	54	2	1,986
NORTHWEST	789	789	789	360	69	265	6	607
LOCATION:								
SMSA	14,729	14,729	14,728	11,735	1,105	3,962	236	10,715
NOT SMSA	6,358	6,358	6,358	3,413	1,355	1,574	162	4,787
NOT DEFINED	4,870	4,870	4,870	3,020	975	1,209	91	3,623
RACE OF HSEHOLD HEAD:								
WHITE	23,173	23,173	23,173	16,270	2,977	6,220	395	17,560
BLACK	2,614	2,614	2,613	1,775	428	507	91	1,448
OTHER	171	171	171	123	30	18	1	116
SEX OF HSEHOLD HEAD:								
MALE	18,352	18,352	18,351	12,545	2,594	4,816	331	15,700
FEMALE	7,606	7,606	7,606	5,623	840	1,928	157	3,424
TENURE:								
RENTED	6,766	6,766	6,765	5,384	450	1,940	146	3,760
OWNED	18,321	18,321	18,321	12,347	2,765	4,589	330	14,792
OTHER	870	870	870	436	220	214	12	571

SEE STATISTICAL NOTES

TABLE A.7

NUMBERS OF PERSONS IN NON-ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975 (IN THOUSANDS)

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	186,502	186,502	186,494	134,594	21,946	44,033	2,097	168,707
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	11,171	11,171	11,168	7,398	1,848	2,121	200	7,617
$5,000 TO $9,999	36,684	36,684	36,681	24,932	5,657	8,043	668	29,502
$10,000 TO $14,999	51,511	51,511	51,510	36,769	6,538	12,679	738	47,343
$15,000 TO $19,999	39,666	39,666	39,666	29,308	4,115	9,645	280	37,982
$20,000 TO $24,999	23,353	23,353	23,352	17,738	2,021	5,414	105	22,718
$25,000 TO $29,999	11,957	11,957	11,957	9,234	861	2,821	61	11,618
$30,000 TO $34,999	5,329	5,329	5,329	4,192	399	1,428	31	5,208
$35,000 AND OVER	6,830	6,830	6,830	5,024	507	1,882	15	6,720
POVERTY LEVEL:								
POVERTY	19,672	19,672	19,670	12,847	3,431	3,623	445	13,833
NOT = POVERTY	166,829	166,829	166,824	121,748	18,515	40,410	1,653	154,874
DOE REGION:								
NEW ENGLAND	10,504	10,504	10,504	5,669	1,364	7,429	10	9,468
NEW YORK/NEW JERSEY	22,189	22,189	22,189	17,313	1,778	11,873	119	19,329
MID-ATLANTIC	21,238	21,238	21,238	14,636	1,963	7,799	858	14,002
SOUTH ATLANTIC	30,539	30,539	30,536	14,141	5,976	6,019	469	26,970
MIDWEST	40,264	40,264	40,264	32,688	3,905	7,483	463	37,211
SOUTHWEST	19,383	19,383	19,382	16,150	2,652	103	61	17,239
CENTRAL	9,661	9,661	9,661	7,577	1,942	864	40	8,956
NORTH CENTRAL	5,415	5,415	5,413	4,298	645	545	55	5,135
WEST	21,374	21,374	21,371	19,483	1,146	163	49	19,707
NORTHWEST	5,936	5,936	5,936	2,640	576	1,755	29	5,691
LOCATION:								
SMSA	115,770	115,770	115,765	93,527	8,085	25,634	900	104,023
NOT SMSA	37,970	37,970	37,969	20,440	7,899	10,298	833	34,667
NOT DEFINED	32,761	32,761	32,760	20,627	5,962	8,102	364	30,017
RACE OF HSEHOLD HEAD								
WHITE	163,176	163,176	163,171	116,853	19,211	39,337	1,631	153,400
BLACK	21,459	21,459	21,457	16,278	2,529	4,376	438	13,779
OTHER	1,866	1,866	1,866	1,464	206	320	29	1,528
SEX OF HSEHOLD HEAD:								
MALE	162,724	162,724	162,719	116,120	19,709	39,122	1,762	153,977
FEMALE	23,778	23,778	23,775	18,474	2,237	4,911	335	14,729
TENURE:								
RENTED	58,664	58,664	58,656	46,242	4,962	13,338	913	47,422
OWNED	122,116	122,116	122,116	85,425	15,514	29,329	1,061	116,206
OTHER	5,722	5,722	5,722	2,927	1,470	1,366	124	5,079

SEE STATISTICAL NOTES

TABLE A.8

AVERAGE NUMBERS OF PERSONS IN ALL HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	3.02	3.02	3.02	2.99	3.11	3.01	2.98	3.18
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	1.70	1.70	1.70	1.63	1.92	1.62	1.77	1.99
$5,000 TO $9,999	2.65	2.65	2.65	2.55	2.95	2.53	3.09	2.69
$10,000 TO $14,999	3.25	3.25	3.25	3.20	3.49	3.22	3.49	3.25
$15,000 TO $19,999	3.56	3.56	3.56	3.54	3.66	3.60	3.48	3.56
$20,000 TO $24,999	3.71	3.71	3.71	3.72	3.86	3.70	3.32	3.72
$25,000 TO $29,999	3.96	3.96	3.96	3.94	4.25	3.93	4.34	4.00
$30,000 TO $34,999	3.74	3.74	3.74	3.76	3.94	3.73	4.48	3.79
$35,000 AND OVER	3.73	3.73	3.73	3.71	3.88	3.83	6.09	3.79
POVERTY LEVEL:								
POVERTY	2.76	2.76	2.76	2.67	3.03	2.65	3.04	3.28
NOT = POVERTY	3.05	3.05	3.05	3.03	3.13	3.05	2.96	3.17
DOE REGION:								
NEW ENGLAND	3.01	3.01	3.01	2.91	3.19	3.02	2.42	3.25
NEW YORK/NEW JERSEY	2.96	2.96	2.96	2.94	3.07	2.86	3.06	3.19
MID-ATLANTIC	3.04	3.04	3.04	2.99	3.10	3.00	3.10	3.21
SOUTH ATLANTIC	3.09	3.09	3.09	3.05	3.16	3.14	3.42	3.23
MIDWEST	3.09	3.09	3.09	3.07	3.11	3.21	2.50	3.26
SOUTHWEST	3.08	3.08	3.08	3.07	3.16	2.56	2.41	3.21
CENTRAL	2.89	2.89	2.89	2.87	3.10	3.06	3.33	3.07
NORTH CENTRAL	3.04	3.04	3.04	3.03	3.16	3.01	2.93	3.21
WEST	2.84	2.84	2.84	2.87	2.92	2.48	2.55	2.96
NORTHWEST	2.91	2.91	2.91	2.94	2.93	2.85	2.95	3.07
LOCATION:								
SMSA	2.99	2.99	2.99	2.99	3.10	2.95	2.63	3.15
NOT SMSA	3.02	3.02	3.02	2.95	3.07	3.09	3.33	3.19
NOT DEFINED	3.10	3.10	3.10	3.04	3.20	3.09	3.33	3.26
AGE OF HSEHOLD HEAD:								
UNDER 65	3.31	3.31	3.31	3.28	3.44	3.33	3.34	3.38
65 AND OVER	1.84	1.84	1.84	1.81	1.93	1.85	2.04	2.08
RACE OF HSEHOLD HEAD								
WHITE	2.96	2.96	2.96	2.94	3.04	2.97	2.88	3.13
BLACK	3.44	3.44	3.44	3.35	3.76	3.35	3.42	3.79
OTHER	3.39	3.39	3.39	3.31	3.90	3.43	3.30	3.57
SEX OF HSEHOLD HEAD:								
MALE	3.29	3.29	3.29	3.28	3.33	3.30	3.24	3.36
FEMALE	2.04	2.04	2.04	2.03	2.12	1.92	2.22	2.13
TENURE:								
RENTED	2.64	2.64	2.64	2.60	3.13	2.60	2.79	2.79
OWNED	3.22	3.22	3.22	3.24	3.09	3.23	3.09	3.35
OTHER	3.18	3.18	3.18	3.05	3.30	3.10	3.65	3.46

SEE STATISTICAL NOTES

TABLE A.9

AVERAGE NUMBERS OF PERSONS IN ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	1.84	1.84	1.84	1.81	1.93	1.85	2.04	2.08
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	1.32	1.32	1.32	1.28	1.47	1.30	1.47	1.55
$5,000 TO $9,999	1.92	1.92	1.92	1.86	2.10	1.82	2.26	1.97
$10,000 TO $14,999	2.23	2.23	2.23	2.18	2.45	2.22	2.51	2.27
$15,000 TO $19,999	2.53	2.53	2.53	2.51	2.84	2.46	3.58	2.62
$20,000 TO $24,999	2.90	2.90	2.90	2.92	3.08	3.01	3.26	2.95
$25,000 TO $29,999	2.90	2.90	2.90	2.91	3.33	2.77	2.58	3.04
$30,000 TO $34,999	2.86	2.86	2.86	2.91	2.77	3.49	4.00	2.97
$35,000 AND OVER	2.66	2.66	2.66	2.63	2.47	2.94	**	2.74
POVERTY LEVEL:								
POVERTY	1.47	1.47	1.47	1.40	1.64	1.40	1.73	1.86
NOT = POVERTY	1.95	1.95	1.95	1.92	2.05	1.95	2.17	2.12
DOE REGION:								
NEW ENGLAND	1.82	1.82	1.82	1.79	1.97	1.83	1.69	2.16
NEW YORK/NEW JERSEY	1.87	1.87	1.87	1.86	1.98	1.86	2.16	2.26
MID-ATLANTIC	1.93	1.93	1.93	1.91	1.98	1.91	2.06	2.23
SOUTH ATLANTIC	1.98	1.98	1.98	1.91	2.07	1.95	2.28	2.18
MIDWEST	1.78	1.78	1.78	1.78	1.76	1.73	1.73	2.00
SOUTHWEST	1.87	1.87	1.87	1.83	2.03	1.71	1.77	2.11
CENTRAL	1.71	1.71	1.71	1.69	1.79	1.82	3.05	1.93
NORTH CENTRAL	1.74	1.74	1.74	1.73	1.84	1.73	1.92	1.96
WEST	1.75	1.75	1.75	1.75	1.66	2.15	1.43	1.91
NORTHWEST	1.70	1.70	1.70	1.70	1.65	1.68	1.99	1.88
LOCATION:								
SMSA	1.82	1.82	1.82	1.82	1.94	1.85	1.85	2.08
NOT SMSA	1.85	1.85	1.85	1.76	1.89	1.84	2.28	2.07
NOT DEFINED	1.88	1.88	1.88	1.84	1.98	1.84	2.19	2.11
RACE OF HSEHOLD HEAD:								
WHITE	1.80	1.80	1.80	1.78	1.87	1.82	1.96	2.03
BLACK	2.27	2.27	2.27	2.19	2.49	2.28	2.42	2.89
OTHER	2.24	2.24	2.24	2.13	2.36	1.86	4.72	2.66
SEX OF HSEHOLD HEAD:								
MALE	2.16	2.16	2.16	2.14	2.20	2.17	2.25	2.26
FEMALE	1.36	1.36	1.36	1.35	1.40	1.35	1.70	1.53
TENURE:								
RENTED	1.59	1.59	1.59	1.57	1.90	1.60	1.79	1.90
OWNED	1.96	1.96	1.96	1.95	1.94	1.98	2.18	2.14
OTHER	1.74	1.74	1.74	1.62	1.88	1.74	1.77	2.01

SEE STATISTICAL NOTES

TABLE A.10

AVERAGE NUMBERS OF PERSONS IN NON-ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	3.31	3.31	3.31	3.28	3.44	3.33	3.34	3.38
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	2.10	2.10	2.10	2.00	2.40	2.03	2.14	2.32
$5,000 TO $9,999	2.90	2.90	2.90	2.79	3.22	2.82	3.37	2.91
$10,000 TO $14,999	3.39	3.39	3.39	3.34	3.62	3.38	3.65	3.37
$15,000 TO $19,999	3.65	3.65	3.65	3.63	3.73	3.72	3.46	3.64
$20,000 TO $24,999	3.77	3.77	3.77	3.77	3.94	3.75	3.33	3.76
$25,000 TO $29,999	4.05	4.05	4.05	4.03	4.33	4.07	4.87	4.08
$30,000 TO $34,999	3.85	3.85	3.85	3.89	4.02	3.76	4.55	3.88
$35,000 AND OVER	3.90	3.90	3.90	3.89	4.05	3.99	6.09	3.95
POVERTY LEVEL:								
POVERTY	3.49	3.49	3.49	3.36	3.83	3.50	3.85	3.77
NOT = POVERTY	3.29	3.29	3.29	3.27	3.38	3.31	3.23	3.35
DOE REGION:								
NEW ENGLAND	3.33	3.33	3.33	3.24	3.52	3.35	3.44	3.45
NEW YORK/NEW JERSEY	3.24	3.24	3.24	3.20	3.35	3.14	3.53	3.36
MID-ATLANTIC	3.29	3.29	3.29	3.23	3.31	3.27	3.46	3.37
SOUTH ATLANTIC	3.40	3.40	3.40	3.35	3.49	3.47	3.98	3.45
MIDWEST	3.41	3.41	3.41	3.38	3.46	3.60	2.76	3.50
SOUTHWEST	3.37	3.37	3.37	3.36	3.53	2.90	2.79	3.41
CENTRAL	3.27	3.27	3.27	3.24	3.51	3.58	3.39	3.34
NORTH CENTRAL	3.36	3.36	3.36	3.34	3.46	3.47	3.34	3.43
WEST	3.08	3.08	3.08	3.10	3.24	2.81	2.65	3.14
NORTHWEST	3.21	3.21	3.21	3.27	3.24	3.18	3.31	3.29
LOCATION:								
SMSA	3.25	3.25	3.25	3.25	3.37	3.25	2.95	3.33
NOT SMSA	3.38	3.38	3.38	3.32	3.44	3.44	3.66	3.45
NOT DEFINED	3.43	3.43	3.43	3.36	3.56	3.44	3.83	3.49
RACE OF HSEHOLD HEAD:								
WHITE	3.26	3.26	3.26	3.24	3.36	3.30	3.25	3.34
BLACK	3.67	3.67	3.67	3.56	4.11	3.54	3.75	3.92
OTHER	3.55	3.55	3.55	3.47	4.32	3.60	3.25	3.67
SEX OF HSEHOLD HEAD:								
MALE	3.50	3.50	3.50	3.48	3.57	3.52	3.54	3.53
FEMALE	2.42	2.42	2.42	2.40	2.63	2.31	2.59	2.34
TENURE:								
RENTED	2.86	2.86	2.86	2.81	3.32	2.88	3.07	2.90
OWNED	3.57	3.57	3.57	3.59	3.46	3.56	3.54	3.61
OTHER	3.64	3.64	3.64	3.51	3.73	3.58	4.06	3.76

SEE STATISTICAL NOTES

TABLE A.11

AVERAGE FUEL EXPENDITURE OF ALL HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975 (IN 1978 $$)

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	1,403	647	310	208	322	444	360	950
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	715	439	189	159	312	407	354	530
$5,000 TO $9,999	1,070	529	247	181	324	423	384	699
$10,000 TO $14,999	1,453	617	309	213	326	436	349	923
$15,000 TO $19,999	1,698	674	362	219	336	464	335	1,074
$20,000 TO $24,999	1,937	721	406	233	309	471	366	1,254
$25,000 TO $29,999	2,108	796	451	257	340	493	388	1,369
$30,000 TO $34,999	2,246	848	484	267	254	499	255	1,451
$35,000 AND OVER	2,189	895	526	287	289	508	290	1,340
POVERTY LEVEL:								
POVERTY	822	469	214	166	335	403	316	641
NOT = POVERTY	1,486	627	323	211	319	398	372	978
DOE REGION:								
NEW ENGLAND	1,529	683	382	271	193	456	354	944
NEW YORK/NEW JERSEY	1,608	809	352	221	154	514	383	1,016
MID-ATLANTIC	1,473	726	354	242	175	445	344	911
SOUTH ATLANTIC	1,283	536	353	153	244	403	300	905
MIDWEST	1,496	630	290	256	441	424	423	1,007
SOUTHWEST	1,223	481	311	131	432	399	403	892
CENTRAL	1,373	577	287	197	522	418	405	936
NORTH CENTRAL	1,303	485	221	187	539	479	256	931
WEST	1,240	415	253	164	166	408	450	949
NORTHWEST	1,308	485	258	256	142	337	359	927
LOCATION:								
SMSA	1,410	599	303	203	252	464	399	974
NOT SMSA	1,377	622	328	211	311	408	334	896
NOT DEFINED	1,418	621	312	193	433	422	306	929
AGE OF HSEHOLD HEAD:								
UNDER 65	1,533	630	331	210	327	447	351	1,021
65 AND OVER	884	517	227	188	303	430	383	563
RACE OF HSEHOLD HEAD:								
WHITE	1,459	615	315	208	326	443	361	962
BLACK	998	548	269	149	283	449	359	783
OTHER	1,237	533	273	164	337	442	329	914
SEX OF HSEHOLD HEAD:								
MALE	1,571	638	334	213	329	448	348	1,016
FEMALE	805	498	222	182	284	444	395	555
TENURE:								
RENTED	1,167	580	258	176	294	423	396	848
OWNED	1,548	647	341	228	324	424	332	1,001
OTHER	1,266	576	293	164	388	364	331	875

SEE STATISTICAL NOTES

TABLE A.12

AVERAGE FUEL EXPENDITURE OF ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975 (IN 1978 $)

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	884	517	227	188	303	430	383	563
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	559	434	172	163	305	412	375	292
$5,000 TO $9,999	828	502	215	188	304	420	366	448
$10,000 TO $14,999	1,173	588	265	211	289	443	444	683
$15,000 TO $19,999	1,412	642	310	213	315	481	319	884
$20,000 TO $24,999	1,609	703	372	230	302	456	576	983
$25,000 TO $29,999	1,871	762	381	241	371	475	341	1,245
$30,000 TO $34,999	2,032	755	412	262	143	457	259	1,405
$35,000 AND OVER	1,726	836	487	264	310	495	**	959
POVERTY LEVEL:								
POVERTY	559	428	175	161	308	402	339	329
NOT = POVERTY	978	543	242	195	301	437	402	601
DOE REGION:								
NEW ENGLAND	1,090	746	244	224	174	484	317	588
NEW YORK/NEW JERSEY	1,116	711	250	186	144	497	442	705
MID-ATLANTIC	963	632	263	225	168	443	366	532
SOUTH ATLANTIC	795	447	267	140	245	286	301	530
MIDWEST	926	532	206	241	417	403	507	573
SOUTHWEST	722	386	210	127	417	183	303	523
CENTRAL	844	485	209	187	485	401	270	531
NORTH CENTRAL	783	419	164	179	544	377	225	541
WEST	711	330	144	145	143	414	507	543
NORTHWEST	784	409	193	214	120	311	249	541
LOCATION:								
SMSA	894	511	221	189	215	448	437	600
NOT SMSA	862	524	245	196	293	406	342	502
NOT DEFINED	880	525	223	177	420	416	285	536
RACE OF HSEHOLD HEAD								
WHITE	905	521	229	189	306	430	381	572
BLACK	652	473	211	176	276	435	391	411
OTHER	788	476	216	194	321	445	756	545
SEX OF HSEHOLD HEAD:								
MALE	1,067	554	256	199	311	430	360	628
FEMALE	605	460	183	173	287	430	420	363
TENURE:								
RENTED	728	480	193	155	257	481	478	535
OWNED	963	538	244	207	310	406	335	574
OTHER	729	446	193	160	306	373	298	500

SEE STATISTICAL NOTES

TABLE A.13

AVERAGE FUEL EXPENDITURE OF NON-ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975 (IN 1978 $S)

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	1,533	630	331	210	327	447	351	1,021
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	880	445	207	155	320	402	330	704
$5,000 TO $9,999	1,154	532	258	179	330	425	390	778
$10,000 TO $14,999	1,501	620	315	213	331	435	333	952
$15,000 TO $19,999	1,724	677	367	219	337	462	338	1,090
$20,000 TO $24,999	1,959	722	408	233	310	472	322	1,271
$25,000 TO $29,999	2,128	799	457	258	347	495	402	1,379
$30,000 TO $34,999	2,273	859	493	268	262	503	254	1,456
$35,000 AND OVER	2,265	905	533	291	286	506	290	1,400
POVERTY LEVEL:								
POVERTY	979	493	243	168	350	400	302	749
NOT = POVERTY	1,595	645	340	215	324	451	362	1,045
DOE REGION:								
NEW ENGLAND	1,775	895	369	286	198	486	414	1,009
NEW YORK/NEW JERSEY	1,734	834	353	229	157	519	349	1,070
MID-ATLANTIC	1,590	740	374	246	176	445	337	975
SOUTH ATLANTIC	1,415	560	377	157	249	305	299	982
MIDWEST	1,635	654	311	260	498	436	400	1,087
SOUTHWEST	1,346	505	336	132	437	206	303	958
CENTRAL	1,544	607	312	201	534	420	433	1,033
NORTH CENTRAL	1,431	501	234	189	661	379	269	1,000
WEST	1,353	433	268	168	172	405	423	1,016
NORTHWEST	1,440	505	269	267	147	345	400	999
LOCATION:								
SMSA	1,528	619	322	212	261	469	377	1,036
NOT SMSA	1,535	652	354	215	317	409	331	988
NOT DEFINED	1,553	647	336	198	436	423	315	1,007
RACE OF HSEHOLD HEAD:								
WHITE	1,590	639	337	213	332	447	353	1,036
BLACK	1,066	563	281	192	286	452	348	837
OTHER	1,302	547	282	182	341	486	314	952
SEX OF HSEHOLD HEAD:								
MALE	1,663	653	349	216	333	446	344	1,078
FEMALE	918	519	245	187	289	453	377	623
TENURE:								
RENTED	1,258	552	271	180	300	483	373	886
OWNED	1,703	677	367	233	329	429	330	1,092
OTHER	1,437	618	324	166	412	390	338	954

SEE STATISTICAL NOTES

TABLE A.14

PER PERSON AVERAGE FUEL EXPENDITURE OF ALL HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975 (IN 1978 $$)

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	465	201	103	69	103	147	121	299
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	420	258	111	97	163	251	200	266
$5,000 TO $9,999	405	198	93	71	110	167	124	260
$10,000 TO $14,999	450	190	95	66	93	135	100	284
$15,000 TO $19,999	477	189	102	62	92	129	97	302
$20,000 TO $24,999	522	194	109	63	80	127	110	337
$25,000 TO $29,999	533	201	114	65	82	126	90	342
$30,000 TO $34,999	600	226	129	71	94	134	57	383
$35,000 AND OVER	587	240	141	77	74	131	48	354
POVERTY LEVEL:								
POVERTY	300	170	79	62	113	151	104	195
NOT = POVERTY	487	205	106	70	102	147	125	308
DOE REGION:								
NEW ENGLAND	541	287	114	93	68	161	148	291
NEW YORK/NEW JERSEY	543	273	112	75	50	180	124	318
MID-ATLANTIC	485	237	117	81	56	148	111	284
SOUTH ATLANTIC	415	173	114	50	79	96	88	280
MIDWEST	484	204	94	83	155	134	171	309
SOUTHWEST	398	156	101	43	137	78	125	277
CENTRAL	475	200	99	69	169	136	122	305
NORTH CENTRAL	428	160	73	62	202	126	87	290
WEST	436	146	89	57	57	165	169	320
NORTHWEST	450	167	87	67	48	118	122	302
LOCATION:								
SMSA	472	200	101	70	81	157	150	309
NOT SMSA	456	206	109	71	101	132	100	281
NOT DEFINED	455	206	101	64	135	136	92	285
AGE OF HSEHOLD HEAD:								
UNDER 65	463	196	100	64	95	134	105	302
65 AND OVER	480	281	123	104	157	233	188	271
RACE OF HSEHOLD HEAD:								
WHITE	489	267	106	71	107	149	125	307
BLACK	290	159	78	56	75	134	105	206
OTHER	365	159	81	56	86	140	100	256
SEX OF HSEHOLD HEAD:								
MALE	478	194	102	65	99	135	107	303
FEMALE	395	244	109	90	136	231	178	260
TENURE:								
RENTED	442	204	98	68	94	186	142	304
OWNED	479	201	106	70	105	131	108	298
OTHER	398	181	92	54	117	124	91	253

SEE STATISTICAL NOTES

TABLE A.15

PER PERSON AVERAGE FUEL EXPENDITURE OF ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975 (IN 1978 $$)

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	480	281	123	104	157	233	188	271
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	422	327	130	127	208	317	255	169
$5,000 TO $9,999	431	262	112	101	145	231	162	227
$10,000 TO $14,999	525	263	119	97	118	200	177	301
$15,000 TO $19,999	558	254	123	85	111	195	89	338
$20,000 TO $24,999	554	242	128	79	98	151	177	333
$25,000 TO $29,999	644	263	131	83	111	171	132	409
$30,000 TO $34,999	711	264	144	90	52	131	65	473
$35,000 AND OVER	650	315	183	101	125	168	**	350
POVERTY LEVEL:								
POVERTY	380	291	119	115	188	287	196	177
NOT = POVERTY	502	279	124	102	147	224	185	284
DOE REGION:								
NEW ENGLAND	600	410	134	125	88	264	188	272
NEW YORK/NEW JERSEY	597	380	134	100	73	267	205	312
MID-ATLANTIC	498	327	136	117	85	232	177	238
SOUTH ATLANTIC	402	226	135	73	118	147	132	243
MIDWEST	521	299	116	135	236	233	292	286
SOUTHWEST	386	206	112	70	205	107	171	249
CENTRAL	492	283	122	111	271	221	89	275
NORTH CENTRAL	449	241	94	103	295	218	117	275
WEST	407	189	106	83	86	192	355	284
NORTHWEST	462	241	114	126	73	185	125	287
LOCATION:								
SMSA	490	280	121	104	111	240	236	289
NOT SMSA	467	284	133	111	155	220	150	243
NOT DEFINED	467	279	118	96	212	226	130	253
RACE OF HSEHOLD HEAD:								
WHITE	503	289	127	107	164	236	194	281
BLACK	287	208	93	81	111	190	162	143
OTHER	351	212	96	91	136	239	160	205
SEX OF HSEHOLD HEAD:								
MALE	495	257	119	93	141	198	160	278
FEMALE	445	338	134	128	205	320	247	236
TENURE:								
RENTED	458	301	121	99	136	300	268	281
OWNED	491	274	125	106	160	205	153	269
OTHER	420	257	111	98	163	215	168	249

SEE STATISTICAL NOTES

TABLE A.16

PER PERSON AVERAGE FUEL EXPENDITURE OF NON-ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975 (IN 1978 $$)

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	463	190	100	64	95	134	105	302
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	419	212	98	77	134	197	154	304
$5,000 TO $9,999	398	184	89	64	103	151	116	267
$10,000 TO $14,999	443	183	93	64	91	129	91	283
$15,000 TO $19,999	472	186	100	60	91	124	98	300
$20,000 TO $24,999	520	192	108	62	79	126	97	338
$25,000 TO $29,999	526	198	113	64	80	122	83	338
$30,000 TO $34,999	590	223	128	69	65	134	56	375
$35,000 AND OVER	580	232	136	75	71	127	68	354
POVERTY LEVEL:								
POVERTY	281	141	70	50	91	114	78	199
NOT = POVERTY	485	196	103	66	96	136	112	311
DOE REGION:								
NEW ENGLAND	532	268	111	88	56	145	120	293
NEW YORK/NEW JERSEY	535	257	109	72	47	165	99	319
MID-ATLANTIC	483	225	114	76	53	136	97	289
SOUTH ATLANTIC	417	165	111	47	71	88	75	285
MIDWEST	479	191	91	77	144	121	145	311
SOUTHWEST	399	150	100	39	124	71	109	281
CENTRAL	472	186	96	62	152	117	128	309
NORTH CENTRAL	426	149	70	57	191	109	81	292
WEST	440	141	87	54	53	155	160	324
NORTHWEST	448	157	84	82	46	108	121	304
LOCATION:								
SMSA	469	190	99	65	77	144	128	311
NOT SMSA	454	193	105	65	92	119	91	286
NOT DEFINED	453	149	98	59	123	123	82	289
RACE OF HSEHOLD HEAD:								
WHITE	487	196	103	66	99	135	109	310
BLACK	290	153	76	54	69	128	93	213
OTHER	366	154	79	53	79	135	97	260
SEX OF HSEHOLD HEAD:								
MALE	476	187	100	62	93	127	97	305
FEMALE	379	214	101	78	110	196	146	266
TENURE:								
RENTED	440	193	95	64	90	169	122	305
OWNED	478	190	103	65	95	120	93	302
OTHER	395	170	89	47	111	110	83	254

SEE STATISTICAL NOTES

TABLE A.17

AVERAGE DISPOSABLE INCOME OF ALL HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975 (IN 1978 $$)

	ALL FUEL	ALL HOME FUELS	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	13,731	13,731	13,731	14,001	11,878	14,124	10,165	14,973
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	3,150	3,150	3,150	3,158	3,151	3,169	3,128	3,219
$5,000 TO $9,999	7,572	7,572	7,572	7,593	7,485	7,601	7,393	7,681
$10,000 TO $14,999	12,456	12,456	12,456	12,469	12,360	12,505	12,253	12,495
$15,000 TO $19,999	17,284	17,284	17,284	17,298	17,262	17,234	17,327	17,291
$20,000 TO $24,999	22,191	22,191	22,191	22,190	22,067	22,198	21,994	22,193
$25,000 TO $29,999	27,142	27,142	27,142	27,162	27,178	27,107	26,799	27,149
$30,000 TO $34,999	32,273	32,273	32,273	32,291	31,914	32,310	33,701	32,273
$35,000 AND OVER	49,539	49,539	49,539	49,506	51,409	49,965	55,627	49,325
POVERTY LEVEL:								
POVERTY	3,582	3,582	3,583	3,552	3,723	3,487	3,881	3,880
NON-POVERTY	15,182	15,182	15,182	15,372	13,580	15,344	11,888	15,984
DOE REGION:								
NEW ENGLAND	15,041	15,041	15,042	14,054	14,429	15,170	10,250	16,675
NEW YORK/NEW JERSEY	15,578	15,578	15,578	15,558	15,511	15,176	10,575	17,587
MID-ATLANTIC	13,816	13,816	13,817	13,890	12,812	13,839	10,067	15,085
SOUTH ATLANTIC	11,680	11,680	11,680	11,765	10,124	11,971	7,692	12,846
MIDWEST	14,726	14,726	14,726	15,006	12,856	14,027	11,353	15,662
SOUTHWEST	11,885	11,885	11,885	12,253	9,865	10,252	5,899	12,943
CENTRAL	12,296	12,296	12,297	12,737	10,754	11,650	13,206	13,287
NORTH CENTRAL	12,718	12,718	12,713	13,095	11,471	11,141	11,126	13,606
WEST	14,740	14,740	14,740	14,781	14,086	14,205	15,630	15,792
NORTHWEST	13,469	13,469	13,469	13,615	12,443	13,397	11,639	14,492
LOCATION:								
SMSA	14,851	14,851	14,852	14,845	14,085	15,046	10,931	16,250
NOT SMSA	11,540	11,540	11,541	11,650	10,495	12,225	10,091	12,534
NOT DEFINED	12,348	12,348	12,348	12,619	10,779	13,478	7,900	13,393
AGE OF HSEHOLD HEAD:								
UNDER 65	14,908	14,908	14,909	15,145	13,117	15,374	11,259	15,719
65 AND OVER	9,025	9,025	9,025	9,311	7,433	8,593	7,300	10,928
RACE OF HSEHOLD HEAD:								
WHITE	14,143	14,143	14,143	14,431	12,234	14,443	10,147	15,175
BLACK	10,086	10,086	10,088	10,414	8,657	10,776	9,876	12,246
OTHER	13,052	13,052	13,052	13,720	10,698	14,074	16,366	14,896
SEX OF HSEHOLD HEAD:								
MALE	15,256	15,256	15,256	15,668	12,910	15,616	11,116	15,810
FEMALE	8,282	8,282	8,282	8,494	7,105	8,533	7,396	10,014
TENURE:								
RENTED	11,215	11,215	11,216	11,208	10,662	11,904	10,181	12,670
OWNED	15,359	15,359	15,359	15,978	12,535	15,536	10,309	16,232
OTHER	9,540	9,540	9,540	10,253	8,389	10,595	8,251	10,715

SEE STATISTICAL NOTES

TABLE A.18

AVERAGE DISPOSABLE INCOME OF ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975 (IN 1978 $$)

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	9,025	9,025	9,025	9,311	7,433	9,593	7,300	10,928
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	3,220	3,220	3,221	3,234	3,219	3,223	3,207	3,375
$5,000 TO $9,999	7,187	7,187	7,187	7,207	7,069	7,216	6,849	7,298
$10,000 TO $14,999	12,178	12,178	12,178	12,204	12,038	12,206	11,801	12,166
$15,000 TO $19,999	17,198	17,198	17,198	17,234	17,267	17,190	17,237	17,293
$20,000 TO $24,999	21,965	21,965	21,965	22,044	21,827	21,863	22,829	21,943
$25,000 TO $29,999	27,066	27,066	27,066	27,151	27,113	26,977	26,747	27,049
$30,000 TO $34,999	32,297	32,297	32,297	32,332	32,221	32,510	34,385	32,269
$35,000 AND OVER	53,303	53,303	53,303	54,419	47,141	56,341	**	53,323
POVERTY LEVEL:								
POVERTY	2,632	2,632	2,632	2,581	2,809	2,535	2,879	2,800
NOT = POVERTY	10,879	10,879	10,879	11,101	9,299	11,272	9,170	12,223
DOE REGION:								
NEW ENGLAND	10,372	10,372	10,372	9,858	8,987	10,323	6,772	13,225
NEW YORK/NEW JERSEY	10,409	10,409	10,409	10,637	9,960	10,625	8,874	13,962
MID-ATLANTIC	9,284	9,284	9,285	9,486	7,482	9,802	6,665	11,217
SOUTH ATLANTIC	8,020	8,020	8,020	8,303	6,547	8,580	5,543	9,622
MIDWEST	9,257	9,257	9,258	9,530	7,942	8,420	9,221	10,898
SOUTHWEST	7,564	7,564	7,564	7,931	6,095	5,763	4,368	9,172
CENTRAL	7,761	7,761	7,762	7,963	6,616	7,440	18,393	9,118
NORTH CENTRAL	8,200	8,200	8,200	8,495	7,423	7,667	8,067	9,800
WEST	10,265	10,265	10,265	10,332	10,452	10,312	4,176	11,971
NORTHWEST	8,095	8,095	8,095	8,410	7,293	8,475	6,910	9,812
LOCATION:								
SMSA	10,119	10,119	10,119	10,194	9,359	10,671	8,607	12,527
NOT SMSA	7,313	7,313	7,313	7,416	6,362	7,558	5,966	8,557
NOT DEFINED	7,887	7,887	7,888	8,079	6,766	8,723	5,573	9,325
RACE OF HSEHOLD HEAD:								
WHITE	9,244	9,244	9,244	9,538	7,584	9,739	7,360	11,049
BLACK	6,598	6,598	6,598	6,775	6,152	7,518	6,932	8,878
OTHER	8,602	8,602	8,602	9,030	5,782	5,465	12,991	10,568
SEX OF HSEHOLD HEAD:								
MALE	10,831	10,831	10,831	11,362	8,448	11,595	7,677	11,789
FEMALE	6,274	6,274	6,274	6,439	5,442	6,488	6,698	8,244
TENURE:								
RENTED	7,707	7,707	7,708	7,742	6,770	8,200	8,213	10,218
OWNED	9,789	9,789	9,789	10,296	7,708	10,476	6,932	11,276
OTHER	5,934	5,934	5,934	6,205	5,423	6,671	4,374	7,420

SEE STATISTICAL NOTES

TABLE A.19

AVERAGE DISPOSABLE INCOME OF NON-ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1975 (IN 1978 $$)

	ALL FUEL	ALL USED FUELS	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	14,908	14,908	14,909	15,145	13,117	15,378	11,259	15,719
DISPOSABLE INCOME CLASS IN $1978								
UNDER $5,000	3,075	3,075	3,075	3,078	3,078	3,100	3,031	3,104
$5,000 TO $9,999	7,706	7,706	7,706	7,727	7,617	7,757	7,580	7,801
$10,000 TO $14,999	12,492	12,492	12,492	12,504	12,400	12,551	12,328	12,535
$15,000 TO $19,999	17,292	17,292	17,292	17,304	17,262	17,239	17,342	17,291
$20,000 TO $24,999	22,206	22,206	22,206	22,200	22,088	22,225	21,823	22,210
$25,000 TO $29,999	27,149	27,149	27,149	27,163	27,183	27,123	26,814	27,157
$30,000 TO $34,999	32,271	32,271	32,271	32,286	31,893	32,289	33,587	32,274
$35,000 AND OVER	48,921	48,921	48,921	48,706	51,906	44,875	55,627	48,698
POVERTY LEVEL								
POVERTY	4,117	4,117	4,117	4,087	4,245	4,132	4,499	4,252
NOT = POVERTY	16,109	16,109	16,109	16,279	14,569	16,329	12,762	16,629
DOE REGION								
NEW ENGLAND	16,321	16,321	16,322	15,308	15,915	16,511	15,086	17,311
NEW YORK/NEW JERSEY	16,899	16,899	16,899	16,780	16,955	16,463	11,442	18,219
MID-ATLANTIC	14,855	14,855	14,855	14,903	13,819	14,836	11,264	15,718
SOUTH ATLANTIC	12,673	12,673	12,673	12,670	11,231	12,909	8,756	13,505
MIDWEST	16,053	16,053	16,053	16,323	14,162	15,501	12,087	16,782
SOUTHWEST	12,944	12,944	12,944	13,265	11,090	12,103	8,769	13,620
CENTRAL	13,761	13,761	13,762	14,238	12,053	13,441	12,132	14,292
NORTH CENTRAL	13,825	13,825	13,820	14,191	12,389	12,399	12,364	14,280
WEST	15,693	15,693	15,693	15,712	15,015	15,775	16,669	16,424
NORTHWEST	14,823	14,823	14,823	14,984	13,459	14,805	13,404	15,364
LOCATION								
SMSA	15,925	15,925	15,926	15,887	15,206	16,230	11,902	16,865
NOT SMSA	12,838	12,838	12,838	12,983	11,765	13,556	11,378	13,452
NOT DEFINED	13,554	13,554	13,554	13,832	11,956	14,805	8,913	14,203
RACE OF HSEHOLD HEAD								
WHITE	15,404	15,404	15,405	15,672	13,532	15,798	11,267	15,951
BLACK	10,773	10,773	10,774	11,060	9,358	11,361	10,827	12,727
OTHER	13,696	13,696	13,696	14,361	12,017	14,978	16,488	15,349
SEX OF HSEHOLD HEAD								
MALE	16,065	16,065	16,065	16,422	13,861	16,019	12,133	16,452
FEMALE	9,425	9,425	9,425	9,608	8,281	9,910	7,895	10,641
TENURE								
RENTED	11,942	11,942	11,942	11,933	11,281	12,866	10,723	12,966
OWNED	16,880	16,880	16,880	17,487	14,067	16,968	12,012	17,299
OTHER	10,688	10,688	10,688	11,558	9,268	11,847	9,093	11,408

SEE STATISTICAL NOTES

TABLE A.20

PER PERSON AVERAGE DISPOSABLE INCOME OF ALL HOUSEHOLDS PURCHASING PARTICULAR FUELS --1975 (IN 1978 $$)

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	4,553	4,553	4,553	4,685	3,815	4,696	3,411	4,706
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	1,851	1,851	1,851	1,937	1,644	1,951	1,766	1,615
$5,000 TO $9,999	2,862	2,862	2,862	2,978	2,535	3,001	2,395	2,859
$10,000 TO $14,999	3,829	3,829	3,829	3,891	3,537	3,881	3,512	3,848
$15,000 TO $19,999	4,857	4,857	4,857	4,893	4,719	4,789	4,985	4,855
$20,000 TO $24,999	5,981	5,981	5,980	5,970	5,712	6,004	6,622	5,973
$25,000 TO $29,999	6,860	6,860	6,860	6,896	6,393	6,905	6,180	6,781
$30,000 TO $34,999	8,618	8,618	8,618	8,552	8,098	8,660	7,530	8,522
$35,000 AND OVER	13,289	13,289	13,289	13,332	13,241	13,031	9,138	13,019
POVERTY LEVEL:								
POVERTY	1,297	1,297	1,297	1,333	1,228	1,316	1,277	1,182
NOT = POVERTY	4,974	4,974	4,974	5,072	4,337	5,033	4,011	5,036
DOE REGION:								
NEW ENGLAND	5,000	5,000	5,001	4,837	4,522	5,018	4,234	5,137
NEW YORK/NEW JERSEY	5,261	5,261	5,261	5,300	5,058	5,302	3,451	5,510
MID-ATLANTIC	4,551	4,551	4,551	4,650	4,135	4,607	3,251	4,696
SOUTH ATLANTIC	3,775	3,775	3,776	3,860	3,207	3,810	2,251	3,976
MIDWEST	4,758	4,758	4,758	4,886	4,138	4,365	4,547	4,861
SOUTHWEST	3,864	3,864	3,864	3,989	3,122	4,012	2,445	4,027
CENTRAL	4,256	4,256	4,256	4,439	3,475	3,812	3,964	4,331
NORTH CENTRAL	4,181	4,181	4,178	4,324	3,630	3,706	3,794	4,242
WEST	5,183	5,183	5,183	5,153	4,822	5,734	6,127	5,331
NORTHWEST	4,630	4,630	4,630	4,624	4,242	4,705	3,939	4,722
LOCATION:								
SMSA	4,966	4,966	4,967	4,972	4,548	5,097	4,160	5,151
NOT SMSA	3,819	3,819	3,819	3,949	3,420	3,959	3,032	3,924
NOT DEFINED	3,984	3,984	3,984	4,151	3,368	4,362	2,369	4,108
AGE OF HSEHOLD HEAD:								
UNDER 65	4,504	4,504	4,504	4,624	3,809	4,620	3,370	4,645
65 AND OVER	4,902	4,902	4,902	5,139	3,847	5,193	3,586	5,248
RACE OF HSEHOLD HEAD:								
WHITE	4,770	4,770	4,770	4,906	4,027	4,859	3,524	4,843
BLACK	2,930	2,930	2,930	3,107	2,305	3,218	2,886	3,227
OTHER	3,852	3,852	3,852	4,145	2,742	4,102	4,959	4,168
SEX OF HSEHOLD HEAD:								
MALE	4,638	4,638	4,638	4,778	3,879	4,736	3,429	4,707
FEMALE	4,065	4,065	4,066	4,187	3,347	4,437	3,334	4,701
TENURE:								
RENTER	4,247	4,247	4,247	4,314	3,408	4,574	3,651	4,537
OWNER	4,768	4,768	4,768	4,927	4,053	4,811	3,539	4,842
OTHER	3,001	3,001	3,001	3,362	2,539	3,416	2,260	3,099

SEE STATISTICAL NOTES

TABLE A.21

PER PERSON AVERAGE DISPOSABLE INCOME OF ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS **1975 (IN 1978 $$)

	ALL FUEL	ALL HOME FUELS	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	4,902	4,902	4,902	5,139	3,847	5,193	3,586	5,246
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	2,431	2,431	2,431	2,531	2,193	2,479	2,187	2,176
$5,000 TO $9,999	3,747	3,747	3,747	3,872	3,361	3,957	3,036	3,697
$10,000 TO $14,999	5,449	5,449	5,449	5,597	4,919	5,501	4,697	5,357
$15,000 TO $19,999	6,803	6,803	6,803	6,874	6,089	6,983	4,815	6,611
$20,000 TO $24,999	7,562	7,562	7,562	7,542	7,092	7,263	7,007	7,428
$25,000 TO $29,999	9,320	9,320	9,320	9,333	8,140	9,727	10,348	8,889
$30,000 TO $34,999	11,301	11,301	11,301	11,109	11,617	9,308	8,596	10,869
$35,000 AND OVER	20,073	20,073	20,073	20,720	19,060	19,169	**	19,457
POVERTY LEVEL:								
POVERTY	1,790	1,790	1,790	1,841	1,718	1,810	1,668	1,506
NOT = POVERTY	5,584	5,584	5,584	5,779	4,532	5,771	4,232	5,772
DOE REGION:								
NEW ENGLAND	5,709	5,709	5,709	5,507	4,565	5,628	4,014	6,120
NEW YORK/NEW JERSEY	5,567	5,567	5,567	5,710	5,029	5,705	4,116	6,192
MID-ATLANTIC	4,803	4,803	4,804	4,957	3,770	5,128	3,230	5,023
SOUTH ATLANTIC	4,052	4,052	4,052	4,355	3,158	4,397	2,433	4,416
MIDWEST	5,203	5,203	5,203	5,344	4,501	4,876	5,316	5,446
SOUTHWEST	4,046	4,046	4,046	4,341	3,001	3,367	2,473	4,354
CENTRAL	4,528	4,528	4,529	4,700	3,703	4,098	6,035	4,722
NORTH CENTRAL	4,702	4,702	4,702	4,902	4,033	4,433	4,209	4,991
WEST	5,880	5,880	5,880	5,910	6,288	4,794	2,928	6,261
NORTHWEST	4,771	4,771	4,771	4,955	4,420	5,040	3,467	5,210
LOCATION:								
SMSA	5,545	5,545	5,546	5,603	4,820	5,766	4,648	6,025
NOT SMSA	3,962	3,962	3,962	4,209	3,369	4,097	2,622	4,141
NOT DEFINED	4,185	4,185	4,185	4,387	3,409	4,745	2,544	4,412
RACE OF HSEHOLD HEAD								
WHITE	5,136	5,136	5,136	5,368	4,059	5,355	3,756	5,436
BLACK	2,904	2,904	2,904	3,099	2,473	3,291	2,863	3,077
OTHER	3,835	3,835	3,835	4,242	2,454	3,042	2,752	3,976
SEX OF HSEHOLD HEAD:								
MALE	5,023	5,023	5,023	5,298	3,833	5,344	3,417	5,221
FEMALE	4,611	4,611	4,611	4,784	3,890	4,817	3,941	5,371
TENURE:								
RENTED	4,841	4,841	4,842	4,940	3,570	5,117	4,600	5,366
OWNED	4,996	4,996	4,996	5,272	3,969	5,289	3,175	5,278
OTHER	3,415	3,415	3,415	3,828	2,883	3,834	2,465	3,692

SEE STATISTICAL NOTES

TABLE A.22

PER PERSON AVERAGE DISPOSABLE INCOME OF NON-ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS --1975 (IN 1978 $$)

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	4,504	4,504	4,504	4,624	3,809	4,620	3,370	4,645
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	1,465	1,465	1,465	1,539	1,285	1,524	1,416	1.339
$5,000 TO $9,999	2,659	2,659	2,659	2,771	2,365	2,750	2,248	2,660
$10,000 TO $14,999	3,689	3,689	3,689	3,741	3,422	3,718	3,376	3.724
$15,000 TO $19,999	4,739	4,739	4,739	4,773	4,633	4,634	5,016	4.755
$20,000 TO $24,999	5,898	5,898	5,897	5,892	5,613	5,922	6,545	5.899
$25,000 TO $29,999	6,711	6,711	6,711	6,743	6,282	6,671	5,511	6.658
$30,000 TO $34,999	8,374	8,374	8,374	8,290	7,929	8,598	7,374	8.316
$35,000 AND OVER	12,532	12,532	12,532	12,520	12,826	12,258	9,138	12.320
POVERTY LEVEL:								
POVERTY	1,181	1,181	1,181	1,216	1,109	1,182	1,168	1.127
NOT = POVERTY	4,896	4,896	4,896	4,983	4,310	4,928	3,962	4.959
DOE REGION:								
NEW ENGLAND	4,895	4,895	4,895	4,726	4,515	4,925	4,383	5.024
NEW YORK/NEW JERSEY	5,216	5,216	5,216	5,241	5,062	5,235	3,244	5.430
MID-ATLANTIC	4,517	4,517	4,517	4,608	4,176	4,531	3,255	4.661
SOUTH ATLANTIC	3,732	3,732	3,732	3,787	3,216	3,718	2,200	3.919
MIDWEST	4,702	4,702	4,702	4,827	4,089	4,301	4,341	4.799
SOUTHWEST	3,839	3,839	3,839	3,944	3,145	4,169	2,434	3.990
CENTRAL	4,210	4,210	4,210	4,396	3,438	3,750	3,578	4.276
NORTH CENTRAL	4,115	4,115	4,112	4,253	3,582	3,574	3,644	4.166
WEST	5,099	5,099	5,099	5,064	4,630	6,047	6,263	5.237
NORTHWEST	4,611	4,611	4,611	4,579	4,221	4,854	4,045	4.670
LOCATION:								
SMSA	4,893	4,893	4,893	4,893	4,511	4,998	4,032	5.061
NOT SMSA	3,795	3,795	3,795	3,906	3,429	3,938	3,111	3.894
NOT DEFINED	3,954	3,954	3,954	4,117	3,361	4,305	2,325	4.071
RACE OF HSEHOLD HEAD:								
WHITE	4,718	4,718	4,718	4,841	4,022	4,788	3,466	4.775
BLACK	2,933	2,933	2,933	3,108	2,276	3,210	2,490	3.243
OTHER	3,853	3,853	3,853	4,137	2,785	4,160	5,071	4.183
SEX OF HSEHOLD HEAD:								
MALE	4,594	4,594	4,594	4,722	3,885	4,661	3,431	4.654
FEMALE	3,891	3,891	3,891	4,005	3,143	4,260	3,049	4.545
TENURE:								
RENTED	4,179	4,179	4,179	4,241	3,393	4,495	3,498	4.471
OWNED	4,734	4,734	4,734	4,877	4,068	4,746	3,391	4.786
OTHER	2,938	2,938	2,938	3,293	2,488	3,350	2,240	3.033

SEE STATISTICAL NOTES

TABLE A.23

AVERAGE FUEL EXPENDITURE OF ALL HOUSEHOLDS AS A PERCENT OF DISPOSABLE INCOME--1975

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	10.22	4.42	2.26	1.47	2.71	3.14	3.54	6.34
DISPOSABLE INCOME CLASS IN $1976:								
UNDER $5,000	22.70	13.94	6.00	5.02	9.91	12.86	11.33	16.46
$5,000 TO $9,999	14.13	6.92	3.26	2.39	4.33	5.57	5.19	9.10
$10,000 TO $14,999	11.74	4.95	2.48	1.71	2.64	3.49	2.85	7.39
$15,000 TO $19,999	9.83	3.90	2.10	1.26	1.94	2.69	1.94	6.21
$20,000 TO $24,999	8.73	3.25	1.83	1.05	1.40	2.12	1.66	5.65
$25,000 TO $29,999	7.77	2.93	1.66	.95	1.28	1.82	1.45	5.04
$30,000 TO $34,999	6.96	2.63	1.50	.83	.80	1.54	.76	4.50
$35,000 AND OVER	4.42	1.81	1.06	.58	.56	1.01	.52	2.72
POVERTY LEVEL:								
POVERTY	23.11	13.10	6.10	4.67	8.99	11.49	8.15	16.53
NOT = POVERTY	9.79	4.13	2.13	1.37	2.35	2.92	3.13	6.12
DOE REGION:								
NEW ENGLAND	10.82	5.73	2.27	1.93	1.33	3.20	3.49	5.66
NEW YORK/NEW JERSEY	10.32	5.19	2.13	1.42	.99	3.39	3.60	5.78
MID-ATLANTIC	10.66	5.21	2.56	1.74	1.36	3.22	3.42	6.04
SOUTH ATLANTIC	10.98	4.59	3.02	1.30	2.45	2.52	3.90	7.05
MIDWEST	10.16	4.28	1.97	1.71	3.74	3.06	3.77	6.35
SOUTHWEST	10.29	4.05	2.62	1.07	4.38	1.94	5.13	6.89
CENTRAL	11.17	4.69	2.33	1.55	4.85	3.56	3.07	7.04
NORTH CENTRAL	10.25	3.82	1.74	1.43	5.57	3.40	2.30	6.84
WEST	8.41	2.82	1.72	1.11	1.18	2.87	2.75	6.01
NORTHWEST	9.71	3.60	1.88	1.88	1.14	2.52	3.09	6.40
LOCATION:								
SMSA	9.50	4.03	2.04	1.40	1.79	3.08	3.61	5.99
NOT SMSA	11.93	5.39	2.84	1.81	2.96	3.34	3.31	7.15
NOT DEFINED	11.42	5.03	2.52	1.53	4.01	3.13	3.88	6.93
AGE OF HSEHOLD HEAD								
UNDER 65	10.29	4.23	2.22	1.39	2.49	2.91	3.12	6.50
65 AND OVER	9.79	5.73	2.52	2.02	4.08	4.48	5.25	5.15
RACE OF HSEHOLD HEAD:								
WHITE	10.25	4.35	2.23	1.44	2.66	3.07	3.55	6.34
BLACK	9.89	5.44	2.67	1.82	3.27	4.17	3.63	6.40
OTHER	9.48	4.12	2.10	1.34	3.15	3.42	2.01	6.13
SEX OF HSEHOLD HEAD:								
MALE	10.30	4.18	2.19	1.36	2.55	2.84	3.13	6.43
FEMALE	9.72	6.01	2.69	2.14	4.06	5.20	5.34	5.54
TENURE:								
RENTED	10.40	4.81	2.30	1.57	2.76	4.06	3.89	6.69
OWNED	10.05	4.22	2.22	1.42	2.59	2.73	3.22	6.16
OTHER	13.27	6.04	3.07	1.60	4.62	3.64	4.01	8.17

SEE STATISTICAL NOTES

TABLE A.24

AVERAGE FUEL EXPENDITURE OF ELDERLY HOUSEHOLDS AS A PERCENT OF DISPOSABLE INCOME--1975

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	9.79	5.73	2.52	2.02	4.08	4.48	5.25	5.15
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	17.37	13.46	5.35	5.03	9.47	12.79	11.68	8.66
$5,000 TO $9,999	11.52	6.98	2.93	2.61	4.30	5.83	5.35	6.14
$10,000 TO $14,999	9.63	4.83	2.18	1.73	2.40	3.63	3.76	5.62
$15,000 TO $19,999	8.21	3.74	1.60	1.24	1.82	2.80	1.85	5.11
$20,000 TO $24,999	7.32	3.20	1.69	1.04	1.38	2.08	2.53	4.48
$25,000 TO $29,999	6.91	2.82	1.41	.89	1.37	1.76	1.28	4.60
$30,000 TO $34,999	6.29	2.34	1.27	.81	.44	1.41	.75	4.36
$35,000 AND OVER	3.24	1.57	.91	.49	.66	.88	**	1.80
POVERTY LEVEL:								
POVERTY	21.23	16.26	6.64	6.23	10.95	15.87	11.77	11.74
NOT = POVERTY	8.99	4.99	2.23	1.76	3.24	3.87	4.38	4.91
DOE REGION:								
NEW ENGLAND	10.51	7.19	2.35	2.27	1.94	4.68	4.69	4.44
NEW YORK/NEW JERSEY	10.72	6.83	2.40	1.75	1.45	4.68	4.99	5.05
MID-ATLANTIC	10.37	6.80	2.84	2.37	2.24	4.52	5.48	4.74
SOUTH ATLANTIC	9.91	5.58	3.33	1.69	3.74	3.34	5.44	5.31
MIDWEST	10.01	5.75	2.22	2.53	5.25	4.78	5.50	5.26
SOUTHWEST	9.54	5.10	2.77	1.60	6.85	3.17	6.93	5.71
CENTRAL	10.86	6.25	2.69	2.35	7.32	5.39	1.47	5.82
NORTH CENTRAL	9.55	5.12	2.00	2.11	7.32	4.92	2.79	5.52
WEST	6.92	3.21	1.79	1.41	1.37	4.01	12.13	4.54
NORTHWEST	9.68	5.05	2.39	2.54	1.65	3.67	3.60	5.52
LOCATION:								
SMSA	8.84	5.05	2.18	1.85	2.30	4.14	5.08	4.79
NOT SMSA	11.78	7.16	3.35	2.64	4.60	5.38	5.74	5.87
NOT DEFINED	11.16	6.66	2.82	2.19	6.21	4.76	5.12	5.74
RACE OF HSEHOLD HEAD:								
WHITE	9.70	5.64	2.47	1.98	4.03	4.41	5.18	5.18
BLACK	9.88	7.16	3.19	2.60	4.48	5.78	5.64	4.63
OTHER	9.16	5.54	2.51	2.15	5.56	7.66	5.82	5.16
SEX OF HSEHOLD HEAD:								
MALE	9.85	5.12	2.36	1.75	3.68	3.71	4.69	5.32
FEMALE	9.64	7.33	2.91	2.68	5.28	6.65	6.27	4.40
TENURE:								
RENTED	9.45	6.22	2.51	2.01	3.80	5.87	5.82	5.24
OWNED	9.83	5.49	2.49	2.01	4.03	3.88	4.83	5.09
OTHER	12.29	7.52	3.26	2.57	5.65	5.60	6.61	6.73

SEE STATISTICAL NOTES

TABLE A.25

AVERAGE FUEL EXPENDITURE OF NON-ELDERLY HOUSEHOLDS AS A PERCENT OF DISPOSABLE INCOME--1975

	ALL FUEL	ALL HOME FUELS	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	10.29	4.23	2.22	1.39	2.49	2.91	3.12	6.50
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	28.60	14.46	6.72	5.02	10.40	12.95	10.89	22.69
$5,000 TO $9,999	14.98	6.90	3.35	2.32	4.33	5.47	5.14	9.97
$10,000 TO $14,999	12.01	4.97	2.52	1.71	2.67	3.47	2.70	7.00
$15,000 TO $19,999	9.97	3.91	2.12	1.27	1.96	2.64	1.45	6.30
$20,000 TO $24,999	8.82	3.25	1.84	1.05	1.40	2.12	1.48	5.72
$25,000 TO $29,999	7.84	2.94	1.66	.95	1.28	1.83	1.50	5.08
$30,000 TO $34,999	7.04	2.66	1.53	.83	.82	1.56	.76	4.51
$35,000 AND OVER	4.63	1.85	1.09	.60	.55	1.03	.52	2.88
POVERTY LEVEL:								
POVERTY	23.79	11.96	5.91	4.12	6.25	9.67	6.72	17.62
NOT = POVERTY	9.90	4.01	2.11	1.32	2.22	2.76	2.83	6.27
DOE REGION:								
NEW ENGLAND	10.87	5.48	2.26	1.87	1.24	2.95	2.75	5.83
NEW YORK/NEW JERSEY	10.26	4.94	2.09	1.37	.93	3.15	3.05	5.87
MID-ATLANTIC	10.70	4.98	2.52	1.65	1.27	3.00	2.99	6.19
SOUTH ATLANTIC	11.17	4.42	2.97	1.24	2.22	2.37	3.02	7.27
MIDWEST	10.18	4.07	1.94	1.59	3.51	2.81	3.51	6.48
SOUTHWEST	10.40	3.90	2.59	1.00	3.94	1.76	4.06	7.03
CENTRAL	11.22	4.41	2.27	1.41	4.43	3.12	3.57	7.23
NORTH CENTRAL	10.35	3.63	1.70	1.33	5.33	3.06	2.14	7.00
WEST	8.62	2.76	1.71	1.07	1.14	2.57	2.54	6.19
NORTHWEST	9.72	3.41	1.81	1.78	1.08	2.33	2.49	6.50
LOCATION:								
SMSA	9.59	3.89	2.02	1.34	1.72	2.89	3.17	6.14
NOT SMSA	11.96	5.08	2.75	1.66	2.69	3.02	2.91	7.34
NOT DEFINED	11.46	4.77	2.46	1.43	3.65	2.86	3.54	7.04
RACE OF HSEHOLD HEAD:								
WHITE	10.32	4.15	2.19	1.36	2.45	2.93	3.13	6.49
BLACK	9.89	5.23	2.60	1.73	3.05	3.96	3.21	6.57
OTHER	9.50	3.99	2.06	1.27	2.44	3.24	1.91	6.21
SEX OF HSEHOLD HEAD:								
MALE	10.35	4.07	2.17	1.31	2.40	2.72	2.84	6.56
FEMALE	9.74	5.51	2.60	1.94	3.49	4.57	4.76	5.85
TENURE:								
RENTED	10.53	4.62	2.27	1.51	2.66	3.76	3.48	6.83
OWNED	10.09	4.01	2.17	1.33	2.34	2.53	2.75	6.31
OTHER	13.44	5.78	3.03	1.43	4.44	3.29	3.72	8.36

SEE STATISTICAL NOTES

TABLE A.26

PERCENTAGES OF ALL HOUSEHOLDS BY SPECIFIC CHARACTERISTICS BY TYPE OF FUEL USED—1975

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	100.00	100.00	99.99	72.56	11.57	23.96	1.23	83.80
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	100.00	100.00	99.98	69.28	14.57	21.60	1.69	52.11
$5,000 TO $9,999	100.00	100.00	99.99	70.62	13.56	23.51	1.56	78.16
$10,000 TO $14,999	100.00	100.00	100.00	72.51	11.78	25.17	1.37	91.67
$15,000 TO $19,999	100.00	100.00	100.00	74.34	10.11	24.27	.80	95.34
$20,000 TO $24,999	100.00	100.00	99.98	75.62	6.46	23.53	.57	96.96
$25,000 TO $29,999	100.00	100.00	100.00	77.72	6.72	24.28	.51	95.81
$30,000 TO $34,999	100.00	100.00	100.00	78.85	6.83	27.04	.51	96.37
$35,000 AND OVER	100.00	100.00	100.00	73.73	6.86	27.14	.12	96.56
POVERTY LEVEL:								
POVERTY	100.00	100.00	99.98	67.27	15.97	19.72	2.12	55.93
NOT - POVERTY	100.00	100.00	100.00	73.32	10.94	24.57	1.10	87.78
DOE REGION:								
NEW ENGLAND	100.00	100.00	100.00	56.65	12.27	70.49	.17	81.08
NEW YORK/NEW JERSEY	100.00	100.00	100.00	78.50	7.78	56.31	.59	78.68
MID-ATLANTIC	100.00	100.00	99.99	70.13	8.88	37.42	4.22	82.60
SOUTH ATLANTIC	100.00	100.00	99.99	46.63	19.60	19.36	1.54	82.47
MIDWEST	100.00	100.00	100.00	81.82	9.74	17.89	1.54	86.05
SOUTHWEST	100.00	100.00	99.99	82.78	13.92	.70	.05	83.22
CENTRAL	100.00	100.00	99.99	78.62	18.61	8.79	.36	85.04
NORTH CENTRAL	100.00	100.00	99.95	79.47	11.40	10.67	1.15	87.87
WEST	100.00	100.00	100.00	90.12	5.27	1.04	.24	86.93
NORTHWEST	100.00	100.00	99.99	44.08	9.52	30.69	.52	88.77
LOCATION:								
SMSA	100.00	100.00	99.99	80.78	6.80	22.97	.99	83.34
NOT SMSA	100.00	100.00	100.00	55.13	20.56	26.21	2.04	84.20
NOT DEFINED	100.00	100.00	99.99	64.07	17.85	24.82	1.12	84.98
AGE OF HSEHOLD HEAD:								
UNDER 65	100.00	100.00	99.99	72.92	11.31	23.48	1.11	88.47
65 AND OVER	100.00	100.00	99.99	71.11	12.61	25.89	1.70	65.13
RACE OF HSEHOLD HEAD								
WHITE	100.00	100.00	100.00	72.00	11.62	24.38	1.12	86.81
BLACK	100.00	100.00	99.98	77.01	11.26	20.85	2.21	57.39
OTHER	100.00	100.00	100.00	79.71	10.05	16.36	1.53	76.49
SEX OF HSEHOLD HEAD:								
MALE	100.00	100.00	99.99	71.29	12.17	24.21	1.17	91.77
FEMALE	100.00	100.00	99.99	77.10	9.41	23.08	1.44	55.31
TENURE:								
RENTED	100.00	100.00	99.98	80.19	6.98	23.69	1.53	73.97
OWNED	100.00	100.00	100.00	69.15	13.55	24.09	1.03	89.62
OTHER	100.00	100.00	100.00	53.18	24.67	24.57	1.79	78.81

SEE STATISTICAL NOTES

TABLE A.27

PERCENTAGES OF ELDERLY HOUSEHOLDS BY SPECIFIC CHARACTERISTICS BY TYPE OF FUEL USED--1975

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	100.00	100.00	99.99	71.11	12.61	25.89	1.70	65.13
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	100.00	100.00	99.99	69.06	14.64	23.49	2.01	42.99
$5,000 TO $9,999	100.00	100.00	99.99	70.57	12.64	26.35	1.54	72.69
$10,000 TO $14,999	100.00	100.00	100.00	73.89	11.14	28.77	1.68	85.60
$15,000 TO $19,999	100.00	100.00	100.00	74.05	9.56	28.99	1.45	86.96
$20,000 TO $24,999	100.00	100.00	100.00	71.35	11.15	27.46	1.53	92.08
$25,000 TO $29,999	100.00	100.00	100.00	79.53	6.55	33.74	1.53	89.05
$30,000 TO $34,999	100.00	100.00	100.00	87.18	4.06	23.31	.67	90.87
$35,000 AND OVER	100.00	100.00	100.00	73.27	5.09	28.12	.00	92.87
POVERTY LEVEL:								
POVERTY	100.00	100.00	99.98	66.44	16.12	22.13	2.25	39.82
NOT - POVERTY	100.00	100.00	100.00	72.47	11.59	26.99	1.54	72.48
DOE REGION:								
NEW ENGLAND	100.00	100.00	100.00	60.62	12.25	71.01	.45	58.68
NEW YORK/NEW JERSEY	100.00	100.00	100.00	76.72	7.88	60.93	.98	57.45
MID-ATLANTIC	100.00	100.00	99.97	70.38	7.57	39.75	5.90	62.33
SOUTH ATLANTIC	100.00	100.00	100.00	45.25	21.71	19.68	2.39	65.63
MIDWEST	100.00	100.00	99.99	81.16	10.46	19.07	2.02	68.81
SOUTHWEST	100.00	100.00	100.00	79.75	17.33	1.03	.09	64.26
CENTRAL	100.00	100.00	99.99	76.99	18.20	10.74	.25	67.63
NORTH CENTRAL	100.00	100.00	100.00	77.68	10.71	14.42	1.68	67.19
WEST	100.00	100.00	100.00	88.73	6.10	1.70	.11	70.22
NORTHWEST	100.00	100.00	100.00	45.63	9.03	33.91	.70	69.28
LOCATION:								
SMSA	100.00	100.00	99.99	79.91	7.05	26.52	1.58	63.85
NOT SMSA	100.00	100.00	100.00	56.23	20.83	24.77	2.06	67.25
NOT DEFINED	100.00	100.00	99.99	63.46	19.01	25.44	1.60	66.33
RACE OF HSEHOLD HEAD								
WHITE	100.00	100.00	100.00	71.13	12.37	26.56	1.57	67.10
BLACK	100.00	100.00	99.97	70.58	14.96	19.28	3.28	43.64
OTHER	100.00	100.00	100.00	75.71	16.80	12.56	.41	57.26
SEX OF HSEHOLD HEAD:								
MALE	100.00	100.00	99.99	68.73	13.83	26.08	1.73	81.70
FEMALE	100.00	100.00	100.00	74.73	10.75	25.61	1.65	39.91
TENURE:								
RENTED	100.00	100.00	99.98	80.83	5.59	28.49	1.93	46.48
OWNED	100.00	100.00	100.00	67.63	15.22	24.78	1.62	74.06
OTHER	100.00	100.00	100.00	53.65	23.33	24.60	1.32	56.71

SEE STATISTICAL NOTES

TABLE A.28

PERCENTAGES OF NON-ELDERLY HOUSEHOLDS BY SPECIFIC CHARACTERISTICS BY TYPE OF FUEL USED--1975

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	100.00	100.00	99.99	72.92	11.31	23.48	1.11	88.47
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	100.00	100.00	99.98	69.51	14.50	19.59	1.75	61.75
$5,000 TO $9,999	100.00	100.00	99.99	70.63	13.87	22.53	1.56	80.06
$10,000 TO $14,999	100.00	100.00	100.00	72.33	11.86	24.69	1.33	92.47
$15,000 TO $19,999	100.00	100.00	100.00	74.36	10.16	23.85	.74	96.08
$20,000 TO $24,999	100.00	100.00	99.98	75.91	8.28	23.26	.51	97.29
$25,000 TO $29,999	100.00	100.00	100.00	77.56	6.73	23.48	.43	96.38
$30,000 TO $34,999	100.00	100.00	100.00	77.83	7.17	27.50	.49	97.04
$35,000 AND OVER	100.00	100.00	100.00	73.81	7.16	26.98	.14	97.16
POVERTY LEVEL:								
POVERTY	100.00	100.00	99.98	67.74	15.89	18.36	2.05	64.99
NOT - POVERTY	100.00	100.00	99.99	73.50	10.80	24.05	1.01	91.08
DOE REGION:								
NEW ENGLAND	100.00	100.00	99.99	55.56	12.28	70.35	.09	87.22
NEW YORK/NEW JERSEY	100.00	100.00	100.00	78.96	7.75	55.12	.49	84.10
MID-ATLANTIC	100.00	100.00	99.99	70.08	9.18	36.88	3.84	87.25
SOUTH ATLANTIC	100.00	100.00	99.99	47.00	19.03	19.28	1.31	87.04
MIDWEST	100.00	100.00	100.00	81.98	9.56	17.61	1.42	90.23
SOUTHWEST	100.00	100.00	99.99	83.52	13.08	.61	.04	87.86
CENTRAL	100.00	100.00	99.99	79.15	18.74	8.16	.40	90.67
NORTH CENTRAL	100.00	100.00	99.94	79.91	11.57	9.76	1.02	92.94
WEST	100.00	100.00	99.99	90.42	5.09	.90	.27	90.49
NORTHWEST	100.00	100.00	99.99	43.69	9.64	29.88	.47	93.68
LOCATION:								
SMSA	100.00	100.00	99.99	80.98	6.74	22.17	.86	87.76
NOT SMSA	100.00	100.00	100.00	54.79	20.48	26.65	2.03	89.40
NOT DEFINED	100.00	100.00	99.99	64.23	17.54	24.65	.99	90.02
RACE OF HSEHOLD HEAD:								
WHITE	100.00	100.00	99.99	72.22	11.43	23.82	1.00	91.88
BLACK	100.00	100.00	99.98	78.28	10.53	21.16	2.00	60.09
OTHER	100.00	100.00	100.00	80.29	9.07	16.93	1.69	79.28
SEX OF HSEHOLD HEAD:								
MALE	100.00	100.00	99.99	71.76	11.87	23.87	1.07	93.61
FEMALE	100.00	100.00	99.99	78.45	8.65	21.65	1.32	64.09
TENURE:								
RENTED	100.00	100.00	99.98	80.06	7.27	22.70	1.45	79.66
OWNED	100.00	100.00	100.00	69.56	13.10	23.90	.87	93.87
OTHER	100.00	100.00	100.00	53.03	25.09	24.56	1.94	85.85

SEE STATISTICAL NOTES

TABLE A.29

PERCENTAGES OF ALL HOUSEHOLDS BY SPECIFIC FUELS USED BY CHARACTERISTIC--1975

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	15.54	15.54	15.54	14.84	19.57	14.00	23.61	9.66
$5,000 TO $9,999	24.20	24.20	24.20	23.55	28.35	23.74	30.63	22.57
$10,000 TO $14,999	24.43	24.43	24.43	24.41	24.87	25.65	27.17	26.72
$15,000 TO $19,999	16.78	16.78	16.79	17.20	14.67	17.00	10.92	19.10
$20,000 TO $24,999	9.40	9.40	9.40	9.60	6.88	9.23	4.38	10.88
$25,000 TO $29,999	4.55	4.55	4.55	4.87	2.64	4.61	1.90	5.20
$30,000 TO $34,999	2.20	2.20	2.20	2.39	1.30	2.49	.92	2.53
$35,000 AND OVER	2.89	2.89	2.89	2.94	1.72	3.27	.26	3.33
POVERTY LEVEL:								
POVERTY	12.51	12.51	12.51	11.60	17.27	10.29	21.52	8.35
NOT - POVERTY	87.49	87.49	87.49	88.40	82.73	89.71	78.48	91.65
DOE REGION:								
NEW ENGLAND	5.70	5.70	5.70	4.45	6.04	16.76	.77	5.51
NEW YORK/NEW JERSEY	12.21	12.21	12.21	13.21	8.21	28.68	5.87	11.46
MID-ATLANTIC	11.27	11.27	11.27	10.89	8.65	17.59	38.63	11.11
SOUTH ATLANTIC	16.23	16.23	16.23	10.43	27.49	13.11	20.32	15.97
MIDWEST	20.80	20.80	20.80	23.46	17.51	15.53	26.01	21.36
SOUTHWEST	10.16	10.16	10.16	11.59	12.22	.30	.39	10.09
CENTRAL	5.55	5.55	5.55	6.01	8.93	2.04	1.63	5.63
NORTH CENTRAL	2.85	2.85	2.85	3.12	2.81	1.27	2.65	2.99
WEST	11.96	11.96	11.96	14.85	5.44	.52	2.34	12.40
NORTHWEST	3.28	3.28	3.28	1.99	2.70	4.20	1.38	3.48
LOCATION:								
SMSA	61.94	61.94	61.94	68.97	36.41	50.38	49.81	61.60
NOT SMSA	20.82	20.82	20.82	15.82	37.00	22.77	34.47	20.92
NOT DEFINED	17.24	17.24	17.23	15.22	26.59	17.85	15.72	17.48
AGE OF HSEHOLD HEAD:								
UNDER 65	79.98	79.98	79.98	80.39	78.19	78.37	72.36	84.44
65 AND OVER	20.02	20.02	20.02	19.61	21.81	21.63	27.64	15.56
RACE OF HSEHOLD HEAD								
WHITE	89.22	89.22	89.22	98.53	89.60	90.78	81.13	92.42
BLACK	9.93	9.93	9.92	10.54	9.66	8.64	17.82	6.80
OTHER	.85	.85	.85	.94	.74	.58	1.06	.78
SEX OF HSEHOLD HEAD:								
MALE	78.13	78.13	78.13	76.76	82.22	78.94	74.43	85.57
FEMALE	21.87	21.87	21.87	23.24	17.78	21.06	25.57	14.43
TENURE:								
RENTED	35.17	35.17	35.17	38.87	21.22	34.77	43.79	31.04
OWNED	61.89	61.89	61.89	58.97	72.50	62.21	51.94	66.19
OTHER	2.94	2.94	2.94	2.16	6.27	3.02	4.27	2.77

SEE STATISTICAL NOTES

TABLE A.30

PERCENTAGES OF ELDERLY HOUSEHOLDS BY SPECIFIC FUELS USED BY CHARACTERISTIC--1975

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	39.90	39.90	39.90	38.75	46.35	36.20	47.24	26.34
$5,000 TO $9,999	31.15	31.15	31.15	30.91	31.22	31.70	28.23	34.76
$10,000 TO $14,999	14.18	14.18	14.18	14.74	12.53	15.76	13.99	18.64
$15,000 TO $19,999	6.76	6.76	6.76	7.04	5.13	7.57	5.77	9.03
$20,000 TO $24,999	3.00	3.00	3.00	3.01	2.65	3.18	2.70	4.23
$25,000 TO $29,999	1.77	1.77	1.77	1.98	.92	2.31	1.59	2.42
$30,000 TO $34,999	1.20	1.20	1.20	1.47	.39	1.08	.48	1.68
$35,000 AND OVER	2.04	2.04	2.04	2.10	.82	2.21	.00	2.90
POVERTY LEVEL:								
POVERTY	22.49	22.49	22.48	21.01	28.76	19.22	29.72	13.75
NOT - POVERTY	77.51	77.51	77.52	78.99	71.24	80.78	70.28	86.25
DOE REGION:								
NEW ENGLAND	6.12	6.12	6.12	5.22	5.95	16.79	1.63	5.52
NEW YORK/NEW JERSEY	12.42	12.42	12.42	13.40	7.76	29.22	7.17	10.95
MID-ATLANTIC	10.49	10.49	10.49	10.39	6.30	16.11	38.38	10.04
SOUTH ATLANTIC	17.30	17.30	17.30	11.01	29.79	13.15	24.35	17.43
MIDWEST	20.31	20.31	20.31	23.18	16.86	14.96	24.12	21.45
SOUTHWEST	10.00	10.00	10.00	11.21	13.74	.40	.52	9.86
CENTRAL	6.77	6.77	6.77	7.33	9.78	2.81	1.01	7.03
NORTH CENTRAL	2.80	2.80	2.80	3.06	2.38	1.56	2.76	2.89
WEST	10.49	10.49	10.49	13.09	5.08	.69	.70	11.31
NORTHWEST	3.30	3.30	3.30	2.12	2.36	4.32	1.36	3.51
LOCATION:								
SMSA	57.24	57.24	57.24	64.33	32.00	58.62	53.09	56.11
NOT SMSA	24.43	24.43	24.43	19.32	40.36	23.36	29.65	25.22
NOT DEFINED	18.33	18.33	18.33	16.36	27.64	18.01	17.26	18.66
RACE OF HSEHOLD HEAD:								
WHITE	91.30	91.30	91.31	91.33	89.60	93.66	84.13	94.06
BLACK	8.16	8.16	8.15	8.10	9.68	6.08	15.74	5.47
OTHER	.54	.54	.54	.57	.72	.26	.13	.47
SEX OF HSEHOLD HEAD:								
MALE	60.36	60.36	60.36	58.34	66.21	60.80	61.48	75.71
FEMALE	39.64	39.64	39.64	41.66	33.79	39.20	38.52	24.29
TENURE:								
RENTED	30.14	30.14	30.14	34.26	13.36	33.16	34.22	21.51
OWNED	66.31	66.31	66.31	63.06	80.07	63.46	63.02	75.40
OTHER	3.55	3.55	3.55	2.68	6.57	3.37	2.76	3.09

SEE STATISTICAL NOTES

TABLE A.31

PERCENTAGES OF NON-ELDERLY HOUSEHOLDS BY SPECIFIC FUELS USED BY CHARACTERISTIC--1975

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	9.44	9.44	9.44	9.00	12.11	7.88	14.86	6.59
$5,000 TO $9,999	22.46	22.46	22.46	21.76	27.56	21.55	31.55	20.33
$10,000 TO $14,999	26.99	26.99	26.99	26.77	28.31	28.38	32.20	28.21
$15,000 TO $19,999	19.29	19.29	19.29	19.67	17.33	19.60	12.88	20.95
$20,000 TO $24,999	11.01	11.01	11.01	11.46	8.06	10.90	5.02	12.10
$25,000 TO $29,999	5.25	5.25	5.25	5.58	3.12	5.24	2.01	5.71
$30,000 TO $34,999	2.45	2.45	2.45	2.62	1.55	2.87	1.09	2.69
$35,000 AND OVER	3.10	3.10	3.11	3.14	1.96	3.57	.38	3.41
POVERTY LEVEL:								
POVERTY	10.01	10.01	10.01	9.30	14.06	7.83	18.39	7.35
NOT - POVERTY	89.99	89.99	89.99	90.70	85.94	92.17	81.61	92.65
DOE REGION:								
NEW ENGLAND	5.59	5.59	5.59	4.26	6.07	10.75	.45	5.51
NEW YORK/NEW JERSEY	12.15	12.15	12.16	13.16	8.33	28.53	5.37	11.55
MID-ATLANTIC	11.46	11.46	11.46	11.01	9.31	16.00	39.49	11.30
SOUTH ATLANTIC	15.96	15.96	15.96	10.29	26.85	13.10	18.78	15.70
MIDWEST	20.93	20.93	20.93	23.53	17.69	15.69	26.74	21.34
SOUTHWEST	10.20	10.20	10.20	11.68	11.80	.27	.34	10.13
CENTRAL	5.25	5.25	5.25	5.69	8.69	1.82	1.87	5.38
NORTH CENTRAL	2.86	2.86	2.86	3.13	2.93	1.19	2.61	3.00
WEST	12.32	12.32	12.32	15.28	5.54	.47	2.96	12.60
NORTHWEST	3.28	3.28	3.28	1.96	2.79	4.17	1.39	3.47
LOCATION:								
SMSA	63.12	63.12	63.12	70.10	37.64	59.59	48.56	62.61
NOT SMSA	19.92	19.92	19.92	14.96	36.06	22.61	36.30	20.13
NOT DEFINED	16.96	16.96	16.96	14.94	26.30	17.80	15.13	17.26
RACE OF HSEHOLD HEAD:								
WHITE	88.70	88.70	88.70	87.84	89.60	89.98	79.98	92.12
BLACK	10.37	10.37	10.37	11.13	9.65	9.35	18.61	7.04
OTHER	.93	.93	.93	1.03	.75	.67	1.41	.84
SEX OF HSEHOLD HEAD:								
MALE	82.58	82.58	82.58	81.26	86.68	83.94	79.36	87.38
FEMALE	17.42	17.42	17.42	18.74	13.32	16.06	20.62	12.62
TENURE:								
RENTED	36.43	36.43	36.42	39.99	23.42	35.22	47.44	32.80
OWNED	60.78	60.78	60.78	57.98	70.39	61.86	47.71	64.49
OTHER	2.79	2.79	2.79	2.03	6.19	2.92	4.85	2.71

SEE STATISTICAL NOTES

TABLE A.32

NUMBERS OF HOUSEHOLDS PURCHASING VARIOUS FUELS--1985 BY 1978 ARC PROJECTION SERIES C

	AGE OF HSEHOLD HEAD:				TOTAL	
	UNDER 65		65 AND OVER			
	NO. OF SAMPLE HOUSEHOLDS	WEIGHTED NO. OF HOUSEHOLDS	NO. OF SAMPLE HOUSEHOLDS	WEIGHTED NO. OF HOUSEHOLDS	NO. OF SAMPLE HOUSEHOLDS	WEIGHTED NO. OF HOUSEHOLDS
TOTAL	138,076	67,595,108	36,319	18,213,230	174,395	85,808,338
DISPOSABLE INCOME CLASS IN $1978:						
UNDER $5,000	24,405	6,253,909	16,820	7,828,616	41,225	14,082,525
$5,000 TO $9,999	37,857	10,872,772	12,413	4,925,558	50,315	15,798,330
$10,000 TO $14,999	30,952	12,714,293	3,928	2,344,465	34,880	15,058,763
$15,000 TO $19,999	20,230	12,626,393	1,422	1,158,356	21,652	13,784,753
$20,000 TO $24,999	11,551	9,556,860	790	777,349	12,341	10,334,209
$25,000 TO $29,999	5,930	6,394,056	368	395,527	6,298	6,789,583
$30,000 TO $34,999	3,065	3,748,883	207	216,692	3,272	3,965,574
$35,000 AND OVER	4,046	5,427,933	366	566,667	4,412	5,994,600
POVERTY LEVEL:						
POVERTY	20,244	6,052,429	9,566	4,090,565	38,810	10,143,194
NOT - POVERTY	108,832	61,542,679	26,753	14,122,666	135,585	75,665,145
DOE REGION:						
NEW ENGLAND	10,536	3,736,932	3,367	1,126,351	13,903	4,863,283
NEW YORK/NEW JERSEY	10,087	7,763,638	2,532	2,120,972	12,619	9,884,581
MID-ATLANTIC	16,358	7,627,727	3,929	1,874,591	20,287	9,502,318
SOUTH ATLANTIC	26,403	10,885,846	6,562	3,167,063	32,965	14,052,909
MIDWEST	22,182	13,658,914	5,927	3,630,754	28,109	17,289,670
SOUTHWEST	16,675	7,066,728	3,872	1,901,905	20,547	8,998,634
CENTRAL	11,112	3,347,410	3,341	1,226,985	14,454	4,574,395
NORTH CENTRAL	9,141	3,125,405	2,573	559,505	11,714	2,684,910
WEST	9,732	9,350,324	2,370	1,980,250	12,102	11,330,284
NORTHWEST	5,949	2,302,501	1,846	624,854	7,795	2,927,355
LOCATION:						
SMSA	64,335	43,160,377	14,988	10,352,519	79,213	53,513,488
NOT SMSA	34,136	12,878,053	8,921	4,452,759	33,057	17,330,813
NOT DEFINED	44,519	11,556,086	12,513	3,407,953	57,125	14,964,037
RACE OF HSEHOLD HEAD						
WHITE	103,447	59,330,532	31,991	16,639,714	140,428	75,670,246
BLACK	27,929	7,987,525	4,091	1,475,445	32,020	9,362,970
OTHER	1,700	677,051	247	98,071	1,947	775,122
SEX OF HSEHOLD HEAD:						
MALE	88,914	52,531,464	20,232	9,315,833	109,196	61,847,294
FEMALE	49,162	15,063,644	16,087	8,897,400	65,199	23,961,044
TENURE:						
RENTED	61,379	28,523,294	10,391	5,985,965	72,270	34,409,259
OWNED	70,355	37,101,586	24,305	11,630,755	94,360	48,822,341
OTHER	6,142	1,980,228	1,623	696,510	7,765	2,576,738

SEE STATISTICAL NOTES

TABLE A.33

NUMBERS OF ALL HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	85,808,336	85,808,336	85,807,354	63,334,032	8,123,432	19,541,619	320,275	70,765,584
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	14,062,525	14,062,525	14,062,230	9,962,634	1,697,007	2,982,499	80,191	7,011,625
$5,000 TO $9,999	15,798,330	15,798,330	15,798,152	11,424,422	1,679,217	3,536,115	70,459	11,403,178
$10,000 TO $14,999	15,058,763	15,058,763	15,058,458	11,043,589	1,542,343	3,415,951	70,138	13,168,635
$15,000 TO $19,999	13,784,753	13,784,753	13,784,753	10,207,209	1,267,056	3,304,489	65,816	12,911,402
$20,000 TO $24,999	10,334,209	10,334,209	10,334,209	7,792,608	791,115	2,452,387	23,150	10,025,007
$25,000 TO $29,999	6,789,583	6,789,583	6,789,583	5,202,335	501,453	1,469,602	28,636	6,623,737
$30,000 TO $34,999	3,965,574	3,965,574	3,965,574	3,014,810	283,869	847,762	3,902	3,850,538
$35,000 AND OVER	5,994,600	5,994,600	5,994,600	4,616,423	361,352	1,532,815	5,978	5,771,261
POVERTY LEVEL:								
POVERTY	10,143,194	10,143,194	10,142,845	7,081,890	1,270,351	1,919,602	46,890	5,077,283
NOT - POVERTY	75,665,142	75,665,142	75,664,513	56,252,142	6,853,080	17,622,018	274,385	65,688,301
DOE REGION:								
NEW ENGLAND	4,863,283	4,863,283	4,862,920	2,844,874	606,339	3,532,285	2,865	3,825,518
NEW YORK/NEW JERSEY	9,884,581	9,884,581	9,884,581	7,841,549	861,193	5,893,073	54,352	7,532,926
MID-ATLANTIC	9,502,318	9,502,318	9,502,163	6,764,116	812,895	3,882,686	89,830	7,731,953
SOUTH ATLANTIC	14,052,909	14,052,909	14,052,752	6,763,189	1,944,076	2,613,118	23,034	11,437,272
MIDWEST	17,289,670	17,289,670	17,289,670	14,533,258	1,349,276	2,264,972	157,153	14,641,665
SOUTHWEST	8,998,634	8,998,634	8,998,634	7,493,178	899,838	98,384	2,042	7,383,841
CENTRAL	4,574,395	4,574,395	4,574,091	3,827,406	620,949	312,309	6,429	3,813,108
NORTH CENTRAL	2,684,910	2,684,910	2,684,910	2,170,900	254,213	193,839	10,657	2,320,192
WEST	11,030,284	11,030,284	11,030,284	9,809,167	545,096	84,050	1,049	9,516,300
NORTHWEST	2,927,355	2,927,355	2,927,355	1,266,333	229,558	666,905	865	2,562,744
LOCATION:								
SMSA	53,513,488	53,513,488	53,512,895	43,322,853	3,325,000	11,812,304	220,320	43,897,519
NOT SMSA	17,330,813	17,330,813	17,330,656	10,048,758	2,747,102	4,307,164	74,029	14,354,748
NOT DEFINED	14,964,037	14,964,037	14,963,808	9,962,420	2,051,329	3,422,151	27,920	12,513,317
AGE OF HSEHOLD HEAD:								
UNDER 65	67,595,108	67,595,108	67,594,284	50,116,080	6,183,569	14,963,144	249,023	59,409,250
65 AND OVER	18,213,230	18,213,230	18,213,075	13,217,951	1,939,862	4,578,475	79,252	11,356,333
RACE OF HSEHOLD HEAD								
WHITE	75,670,246	75,670,246	75,669,884	55,390,362	7,182,807	17,463,751	253,574	65,604,119
BLACK	9,362,970	9,362,970	9,362,354	7,329,302	873,643	1,949,335	66,036	5,186,346
OTHER	775,122	775,122	775,122	614,367	66,761	128,533	8,067	573,118
SEX OF HSEHOLD HEAD:								
MALE	61,847,294	61,847,294	61,846,760	44,817,309	6,132,557	14,250,146	224,081	57,016,166
FEMALE	23,961,044	23,961,044	23,960,599	18,516,723	1,990,875	5,291,474	103,594	13,747,418
TENURE:								
RENTED	34,409,259	34,409,259	34,408,280	27,655,387	2,246,557	7,725,315	203,308	25,301,201
OWNED	48,822,341	48,822,341	48,822,341	34,213,982	5,398,336	11,231,043	114,965	43,479,266
OTHER	2,576,738	2,576,738	2,576,738	1,464,662	478,539	585,261	9,982	1,985,117

SEE STATISTICAL NOTES

TABLE A.34

NUMBERS OF ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL MORE FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	18,213,230	18,213,230	18,213,075	13,217,951	1,939,862	4,574,775	79,252	11,356,333
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	7,828,616	7,828,616	7,828,461	5,573,196	942,028	1,807,666	29,545	3,603,994
$5,000 TO $9,999	4,925,558	4,925,558	4,925,558	3,557,766	505,589	1,223,665	22,936	3,454,586
$10,000 TO $14,999	2,348,465	2,348,465	2,348,465	1,703,460	242,299	669,597	11,803	1,971,417
$15,000 TO $19,999	1,158,356	1,158,356	1,158,356	873,815	103,340	325,312	10,837	968,601
$20,000 TO $24,999	777,349	777,349	777,349	582,480	60,307	227,289	3,961	706,979
$25,000 TO $29,999	395,527	395,527	395,527	286,231	34,550	109,078	3,630	366,661
$30,000 TO $34,999	216,692	216,692	216,692	172,062	21,208	49,536	259	164,890
$35,000 AND OVER	566,667	566,667	566,667	468,941	30,541	100,940	351	516,806
POVERTY LEVEL:								
POVERTY	4,090,565	4,090,565	4,090,410	2,798,010	532,856	845,252	18,808	1,504,998
NOT = POVERTY	14,122,666	14,122,666	14,122,666	10,419,942	1,407,026	3,730,223	60,444	9,851,335
DOE REGION:								
NEW ENGLAND	1,126,351	1,126,351	1,126,351	693,658	141,554	836,588	1,777	598,363
NEW YORK/NEW JERSEY	2,120,972	2,120,972	2,120,972	1,643,784	195,415	1,357,261	8,187	1,154,084
MID-ATLANTIC	1,878,591	1,878,591	1,878,436	1,324,621	139,895	856,234	14,727	1,106,208
SOUTH ATLANTIC	3,167,063	3,167,063	3,167,063	1,505,027	511,260	623,736	6,474	2,008,502
MIDWEST	3,630,754	3,630,754	3,630,754	3,018,628	329,999	532,867	39,095	2,398,864
SOUTHWEST	1,901,905	1,901,905	1,901,905	1,549,494	248,047	22,248	595	1,171,340
CENTRAL	1,226,985	1,226,985	1,226,985	1,016,418	171,058	105,316	81	787,183
NORTH CENTRAL	559,505	559,505	559,505	402,480	48,579	54,214	3,103	357,456
WEST	1,980,250	1,980,250	1,980,250	1,747,308	105,881	28,629	81	1,360,385
NORTHWEST	624,854	624,854	624,854	276,533	48,113	160,386	2921	413,741
LOCATION:								
SMSA	10,352,519	10,352,519	10,352,519	8,293,150	704,607	2,691,791	56,899	6,331,843
NOT SMSA	4,452,759	4,452,759	4,452,759	2,664,782	724,911	1,066,769	14,693	2,056,414
NOT DEFINED	3,407,953	3,407,953	3,407,798	2,260,019	510,344	816,214	8,160	2,168,076
RACE OF HSEHOLD HEAD:								
WHITE	16,639,714	16,639,714	16,639,714	12,078,446	1,747,182	4,281,205	68,779	10,672,792
BLACK	1,475,445	1,475,445	1,475,290	1,063,911	178,148	284,517	10,389	831,911
OTHER	98,071	98,071	98,071	75,594	14,532	12,754	84	51,630
SEX OF HSEHOLD HEAD:								
MALE	9,315,830	9,315,830	9,315,675	6,529,481	1,087,578	2,384,252	36,571	7,661,568
FEMALE	8,897,400	8,897,400	8,897,400	6,688,470	852,284	2,190,223	42,681	3,694,765
TENURE:								
RENTED	5,885,965	5,885,965	5,885,810	4,760,208	340,892	1,612,272	41,717	2,636,463
OWNED	11,630,755	11,630,755	11,630,755	8,060,630	1,470,623	2,803,268	36,222	8,345,349
OTHER	696,510	696,510	696,510	397,113	128,348	162,935	1,253	374,521

SEE STATISTICAL NOTES

TABLE A.35

NUMBERS OF NON-ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	67,595,108	67,595,108	67,594,264	50,116,080	6,183,569	14,963,144	249,023	59,409,250
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	6,253,909	6,253,909	6,253,568	4,409,439	754,979	1,174,832	30,645	3,807,830
$5,000 TO $9,999	10,872,772	10,872,772	10,872,594	7,866,656	1,173,628	2,312,450	47,522	7,968,593
$10,000 TO $14,999	12,714,298	12,714,298	12,713,993	9,390,128	1,300,044	2,747,364	58,535	11,196,818
$15,000 TO $19,999	12,626,398	12,626,398	12,626,398	9,333,394	1,163,715	2,979,177	55,379	11,942,801
$20,000 TO $24,999	9,556,860	9,556,860	9,556,860	7,210,128	730,808	2,225,098	22,666	9,318,029
$25,000 TO $29,999	6,394,056	6,394,056	6,394,056	4,916,104	466,903	1,360,125	25,006	6,257,077
$30,000 TO $34,999	3,748,883	3,748,883	3,748,883	2,842,749	262,680	798,224	3,643	3,665,648
$35,000 AND OVER	5,427,933	5,427,933	5,427,933	4,147,482	330,811	1,365,875	5,627	5,252,454
POVERTY LEVEL:								
POVERTY	6,052,629	6,052,629	6,052,436	4,283,880	737,515	1,071,350	30,482	3,572,285
NOT - POVERTY	61,542,479	61,542,479	61,541,848	45,832,200	5,446,054	13,891,795	218,541	55,836,966
DOE REGION:								
NEW ENGLAND	3,736,932	3,736,932	3,736,570	2,151,216	464,784	2,695,701	1,088	3,227,155
NEW YORK/NEW JERSEY	7,763,608	7,763,608	7,763,608	6,197,765	665,778	4,535,811	26,164	6,378,842
MID-ATLANTIC	7,627,727	7,627,727	7,627,727	5,439,496	673,000	3,026,452	70,102	6,625,744
SOUTH ATLANTIC	10,885,846	10,885,846	10,885,689	5,278,162	1,432,796	1,989,382	16,559	9,428,770
MIDWEST	13,658,916	13,658,916	13,658,916	11,514,630	1,019,276	1,732,105	118,058	12,242,802
SOUTHWEST	7,096,729	7,096,729	7,096,729	5,943,684	651,791	76,135	1,447	6,212,493
CENTRAL	3,347,410	3,347,410	3,347,105	2,811,048	449,851	206,993	6,429	3,025,925
NORTH CENTRAL	2,125,405	2,125,405	2,125,405	1,728,420	205,633	134,626	7,553	1,962,536
WEST	9,050,034	9,050,034	9,050,034	8,061,859	439,214	59,421	1,049	8,155,980
NORTHWEST	2,302,501	2,302,501	2,302,501	989,800	181,445	506,518	573	2,149,004
LOCATION:								
SMSA	43,160,970	43,160,970	43,160,377	35,029,703	2,620,393	9,120,514	169,327	37,565,676
NOT SMSA	12,878,053	12,878,053	12,877,897	7,383,976	2,022,191	3,240,395	59,936	11,496,334
NOT DEFINED	11,556,085	11,556,085	11,556,011	7,702,402	1,540,985	2,602,235	19,760	10,347,240
RACE OF HSEHOLD HEAD:								
WHITE	59,030,532	59,030,532	59,030,170	43,311,916	5,435,625	13,182,547	184,793	54,331,327
BLACK	7,887,525	7,887,525	7,887,064	6,265,392	695,696	1,664,818	56,247	4,556,435
OTHER	677,051	677,051	677,051	538,773	52,249	115,779	7,983	521,488
SEX OF HSEHOLD HEAD:								
MALE	52,531,464	52,531,464	52,531,085	38,287,828	5,044,978	11,865,894	188,110	49,356,598
FEMALE	15,063,644	15,063,644	15,063,199	11,828,253	1,138,591	3,097,250	60,913	10,052,653
TENURE:								
RENTED	28,523,294	28,523,294	28,522,470	22,895,179	1,905,665	6,113,043	161,591	22,664,737
OWNED	37,191,586	37,191,586	37,191,586	26,153,352	3,927,713	8,427,775	78,703	35,133,918
OTHER	1,880,228	1,880,228	1,880,228	1,067,549	350,191	422,327	8,729	1,610,596

SEE STATISTICAL NOTES

TABLE A.36

NUMBERS OF PERSONS IN ALL HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN THOUSANDS) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	229,986	229,986	229,984	167,926	22,442	52,440	788	201,703
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	22,132	22,132	22,131	15,099	2,942	4,493	94	12,888
$5,000 TO $9,999	35,500	35,500	35,499	24,944	4,130	7,707	162	25,989
$10,000 TO $14,999	39,770	39,770	39,770	28,517	4,482	8,995	174	34,956
$15,000 TO $19,999	40,903	40,903	40,903	29,770	4,034	9,739	197	38,480
$20,000 TO $24,999	33,690	33,690	33,690	25,226	2,700	8,051	50	32,692
$25,000 TO $29,999	22,477	22,477	22,477	17,139	1,750	4,850	80	21,970
$30,000 TO $34,999	13,987	13,987	13,987	10,706	1,019	3,093	12	13,684
$35,000 AND OVER	21,528	21,528	21,528	16,525	1,385	5,511	19	21,044
POVERTY LEVEL:								
POVERTY	22,083	22,083	22,082	14,949	2,985	4,017	112	13,067
NOT = POVERTY	207,903	207,903	207,902	152,978	19,456	48,422	676	188,636
DOE REGION:								
NEW ENGLAND	13,064	13,064	13,063	7,307	1,739	9,522	7	11,279
NEW YORK/NEW JERSEY	26,209	26,209	26,209	20,481	2,329	15,261	79	21,821
MID-ATLANTIC	25,775	25,775	25,775	18,034	2,223	10,398	237	22,333
SOUTH ATLANTIC	39,160	39,160	39,160	18,566	5,494	7,427	80	33,604
MIDWEST	47,271	47,271	47,271	39,542	3,657	6,397	332	42,509
SOUTHWEST	24,632	24,632	24,632	23,514	2,531	230	3	21,328
CENTRAL	11,730	11,730	11,730	9,784	1,700	835	20	10,495
NORTH CENTRAL	7,151	7,151	7,151	5,766	701	508	24	6,570
WEST	27,521	27,521	27,521	24,675	1,476	176	3	24,826
NORTHWEST	7,472	7,472	7,472	3,259	592	1,685	3	6,938
LOCATION:								
SMSA	141,708	141,708	141,707	114,313	9,101	31,097	490	123,431
NOT SMSA	47,060	47,060	47,059	26,642	7,535	11,951	218	41,649
NOT DEFINED	41,219	41,219	41,218	26,972	5,806	9,392	81	36,623
AGE OF HSEHOLD HEAD:								
UNDER 65	199,433	199,433	199,431	146,677	19,060	44,664	659	179,830
65 AND OVER	30,553	30,553	30,553	21,249	3,382	7,775	128	21,873
RACE OF HSEHOLD HEAD:								
WHITE	199,983	199,983	199,983	145,006	19,467	46,402	580	182,803
BLACK	27,723	27,723	27,722	21,136	2,752	5,665	182	17,102
OTHER	2,279	2,279	2,279	1,784	223	373	25	1,798
SEX OF HSEHOLD HEAD:								
MALE	184,972	184,972	184,971	133,154	18,667	42,906	595	174,875
FEMALE	45,014	45,014	45,013	34,772	3,775	9,534	192	26,828
TENURE:								
RENTED	79,457	79,457	79,455	62,997	5,922	17,818	445	61,586
OWNED	143,419	143,419	143,419	101,028	15,151	33,011	313	134,079
OTHER	7,111	7,111	7,111	3,901	1,369	1,610	30	6,038

SEE STATISTICAL NOTES

TABLE A.37

NUMBERS OF PERSONS IN ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN THOUSANDS) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	30,553	30,553	30,553	21,849	3,382	7,775	124	21,873
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	9,535	9,535	9,535	6,624	1,238	2,161	35	4,482
$5,000 TO $9,999	8,535	8,535	8,535	5,967	958	2,069	35	6,222
$10,000 TO $14,999	4,679	4,679	4,679	3,336	532	1,295	22	4,045
$15,000 TO $19,999	2,598	2,598	2,598	1,921	242	715	23	2,248
$20,000 TO $24,999	1,904	1,904	1,904	1,409	158	572	11	1,759
$25,000 TO $29,999	1,127	1,127	1,127	817	103	331	10	1,062
$30,000 TO $34,999	607	607	607	449	64	187	11	582
$35,000 AND OVER	1,567	1,567	1,567	1,325	86	367	11	1,492
POVERTY LEVEL:								
POVERTY	5,411	5,411	5,411	3,573	759	1,056	22	2,475
NOT = POVERTY	25,143	25,143	25,143	18,276	2,622	6,681	102	19,397
DOE REGION:								
NEW ENGLAND	1,873	1,873	1,873	1,135	254	1,021	31	1,223
NEW YORK/NE JERSEY	3,633	3,633	3,633	2,609	362	2,337	151	2,943
MID-ATLANTIC	3,291	3,291	3,291	2,322	245	1,026	351	2,279
SOUTH ATLANTIC	5,708	5,708	5,708	2,613	944	1,111	191	4,181
MIDWEST	5,895	5,895	5,895	4,914	527	836	551	4,435
SOUTHWEST	3,217	3,217	3,217	2,556	459	371	11	2,261
CENTRAL	1,913	1,913	1,913	1,577	277	172	08	1,408
NORTH CENTRAL	892	892	892	702	81	96	51	652
WEST	3,161	3,161	3,161	2,791	161	511	01	2,394
NORTHWEST	964	964	964	821	73	281	11	717
LOCATION:								
SMSA	17,241	17,241	17,241	13,782	1,242	1,592	681	16,170
NOT SMSA	7,479	7,479	7,479	5,274	1,237	1,[illegible]	251	5,484
NOT DEFINED	5,843	5,843	5,843	3,131	903	1,[illegible]	151	4,239
RACE OF HSEHOLD HEAD:								
WHITE	27,374	27,374	27,374	19,629	2,963	7,187	1171	20,382
BLACK	2,982	2,982	2,982	2,083	361	588	21	1,663
OTHER	196	196	196	140	31	21	11	127
SEX OF HSEHOLD HEAD:								
MALE	19,472	19,472	19,472	13,571	2,313	5,[illegible]	751	[illegible]76
FEMALE	11,[illegible]	11,[illegible]	11,[illegible]	8,278	1,[illegible]	2,[illegible]	541	4,496
TENURE:								
RENTER	[illegible],512	[illegible],512	[illegible],512	[illegible],795	555	2,[illegible]	511	4,547
OWNER	2,[illegible]53	2,[illegible]53	2,[illegible]53	14,[illegible]51	2,[illegible]41	[illegible],127	881	16,[illegible]5[illegible]
OTHER	[illegible],[illegible]91	[illegible],[illegible]91	[illegible],[illegible]91	[illegible]851	[illegible]91	251	11	640

SEE STATISTICAL NOTES

TABLE A.38

NUMBERS OF PERSONS IN NON-ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN THOUSANDS) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	199,433	199,433	199,431	146,077	19,060	44,664	654	179,830
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	12,596	12,596	12,596	8,475	1,704	2,333	59	8,406
$5,000 TO $9,999	26,965	26,965	26,964	18,977	3,172	5,639	128	19,767
$10,000 TO $14,999	35,091	35,091	35,090	25,181	3,950	7,700	152	30,911
$15,000 TO $19,999	38,305	38,305	38,305	27,849	3,792	9,024	174	36,232
$20,000 TO $24,999	31,786	31,786	31,786	23,817	2,542	7,479	49	30,932
$25,000 TO $29,999	21,349	21,349	21,349	16,321	1,647	4,519	69	20,908
$30,000 TO $34,999	13,380	13,380	13,380	10,257	955	2,927	11	13,121
$35,000 AND OVER	19,961	19,961	19,961	15,200	1,299	5,044	18	19,552
POVERTY LEVEL:								
POVERTY	16,673	16,673	16,672	11,375	2,226	2,923	90	10,591
NOT = POVERTY	182,760	182,760	182,759	134,702	16,834	41,741	570	169,239
DOE REGION:								
NEW ENGLAND	11,190	11,190	11,190	6,172	1,486	8,113	41	10,056
NEW YORK/NEW JERSEY	22,576	22,576	22,576	17,672	1,966	12,925	64	19,378
MID-ATLANTIC	22,485	22,485	22,485	15,712	1,978	8,918	202	20,054
SOUTH ATLANTIC	33,453	33,453	33,452	15,953	4,550	6,316	65	29,543
MIDWEST	41,376	41,376	41,376	34,628	3,139	5,559	277	38,074
SOUTHWEST	21,415	21,415	21,415	17,958	2,072	193	3	19,067
CENTRAL	9,812	9,812	9,812	8,206	1,424	662	20	9,087
NORTH CENTRAL	6,259	6,259	6,259	5,064	620	415	19	5,918
WEST	24,360	24,360	24,360	21,885	1,315	125	5	22,432
NORTHWEST	6,506	6,506	6,506	2,827	519	1,439	2	6,221
LOCATION:								
SMSA	124,476	124,476	124,475	100,551	7,852	26,514	401	111,261
NOT SMSA	39,581	39,581	39,580	22,368	6,298	10,142	193	36,185
NOT DEFINED	35,376	35,376	35,376	23,158	4,911	8,008	66	32,385
RACE OF HSEHOLD HEAD:								
WHITE	172,610	172,610	172,609	125,377	16,447	39,235	473	162,721
BLACK	24,741	24,741	24,740	19,056	2,371	5,077	162	15,439
OTHER	2,082	2,082	2,082	1,644	192	352	24	1,671
SEX OF HSEHOLD HEAD:								
MALE	165,499	165,499	165,499	119,583	16,354	37,872	521	157,999
FEMALE	33,933	33,933	33,932	26,494	2,706	6,792	139	21,831
TENURE:								
RENTED	70,945	70,945	70,943	56,198	5,367	15,428	384	57,040
OWNED	122,465	122,465	122,465	86,562	12,533	27,884	247	117,445
OTHER	6,022	6,022	6,022	3,317	1,160	1,352	24	5,348

SEE STATISTICAL NOTES

TABLE A.39

AVERAGE NUMBERS OF PERSONS IN ALL HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN THOUSANDS) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUELS	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	2.68	2.68	2.68	2.65	2.76	2.68	2.40	2.85
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	1.57	1.57	1.57	1.51	1.73	1.51	1.56	1.84
$5,000 TO $9,999	2.25	2.25	2.25	2.18	2.46	2.18	2.30	2.26
$10,000 TO $14,999	2.64	2.64	2.64	2.57	2.91	2.63	2.48	2.65
$15,000 TO $19,999	2.97	2.97	2.97	2.92	3.18	2.95	2.99	2.98
$20,000 TO $24,999	3.26	3.26	3.26	3.24	3.41	3.28	2.17	3.26
$25,000 TO $29,999	3.31	3.31	3.31	3.29	3.49	3.30	2.78	3.32
$30,000 TO $34,999	3.53	3.53	3.53	3.55	3.59	3.65	3.01	3.55
$35,000 AND OVER	3.58	3.59	3.58	3.58	3.83	3.60	3.20	3.65
POVERTY LEVEL:								
POVERTY	2.17	2.18	2.17	2.11	2.35	2.09	2.28	2.57
NOT = POVERTY	2.75	2.75	2.75	2.72	2.84	2.75	2.42	2.87
DOE REGION:								
NEW ENGLAND	2.69	2.69	2.69	2.57	2.87	2.70	2.48	2.95
NEW YORK/NEW JERSEY	2.65	2.65	2.65	2.61	2.70	2.59	2.29	2.90
MID-ATLANTIC	2.71	2.71	2.71	2.67	2.73	2.68	2.63	2.89
SOUTH ATLANTIC	2.79	2.79	2.79	2.74	2.63	2.84	3.46	2.94
MIDWEST	2.73	2.73	2.73	2.72	2.71	2.82	2.11	2.90
SOUTHWEST	2.78	2.78	2.78	2.74	2.81	2.38	1.57	2.89
CENTRAL	2.56	2.56	2.56	2.56	2.74	2.67	3.14	2.75
NORTH CENTRAL	2.66	2.66	2.66	2.66	2.76	2.62	2.28	2.83
WEST	2.50	2.50	2.50	2.52	2.71	2.10	3.00	2.61
NORTHWEST	2.55	2.55	2.55	2.57	2.58	2.53	3.32	2.71
LOCATION:								
SMSA	2.65	2.65	2.65	2.64	2.74	2.63	2.16	2.81
NOT SMSA	2.72	2.72	2.72	2.65	2.74	2.77	2.94	2.90
NOT DEFINED	2.75	2.75	2.75	2.71	2.83	2.74	2.88	2.93
AGE OF HSEHOLD HEAD:								
UNDER 65	2.95	2.95	2.95	2.91	3.08	2.98	2.65	3.03
65 AND OVER	1.68	1.68	1.68	1.65	1.74	1.70	1.62	1.93
RACE OF HSEHOLD HEAD:								
WHITE	2.64	2.64	2.64	2.62	2.71	2.66	2.29	2.81
BLACK	2.96	2.96	2.96	2.88	3.15	2.91	2.73	3.30
OTHER	2.94	2.94	2.94	2.90	3.34	2.90	3.12	3.14
SEX OF HSEHOLD HEAD:								
MALE	2.99	2.99	2.99	2.97	3.04	3.01	2.65	3.07
FEMALE	1.88	1.88	1.88	1.88	1.90	1.80	1.86	1.95
TENURE:								
RENTED	2.31	2.31	2.31	2.28	2.64	2.31	2.19	2.43
OWNED	2.94	2.94	2.94	2.95	2.81	2.94	2.72	3.08
OTHER	2.76	2.76	2.76	2.66	2.86	2.75	2.96	3.04

SEE STATISTICAL NOTES

TABLE A.40

AVERAGE NUMBERS OF PERSONS IN ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN THOUSANDS) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	1.68	1.68	1.68	1.65	1.74	1.70	1.62	1.93
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	1.22	1.22	1.22	1.19	1.31	1.20	1.17	1.40
$5,000 TO $9,999	1.73	1.73	1.73	1.68	1.89	1.69	1.52	1.81
$10,000 TO $14,999	2.00	2.00	2.00	1.96	2.20	1.94	1.90	2.05
$15,000 TO $19,999	2.24	2.24	2.24	2.20	2.34	2.20	2.17	2.32
$20,000 TO $24,999	2.45	2.45	2.45	2.42	2.62	2.52	3.00	2.49
$25,000 TO $29,999	2.85	2.85	2.85	2.86	2.99	3.02	2.83	2.90
$30,000 TO $34,999	2.80	2.80	2.80	2.61	3.01	3.36	4.00	3.04
$35,000 AND OVER	2.76	2.76	2.76	2.82	2.82	2.79	4.00	2.88
POVERTY LEVEL:								
POVERTY	1.32	1.32	1.32	1.28	1.43	1.29	1.20	1.64
NOT - POVERTY	1.78	1.78	1.78	1.75	1.86	1.79	1.75	1.97
DOE REGION:								
NEW ENGLAND	1.66	1.66	1.66	1.64	1.79	1.68	1.96	2.04
NEW YORK/NEW JERSEY	1.71	1.71	1.71	1.71	1.85	1.72	1.81	2.12
MID-ATLANTIC	1.76	1.76	1.76	1.75	1.75	1.73	1.76	2.06
SOUTH ATLANTIC	1.80	1.80	1.80	1.74	1.85	1.78	2.22	2.02
MIDWEST	1.62	1.62	1.62	1.63	1.60	1.57	1.40	1.85
SOUTHWEST	1.69	1.69	1.69	1.65	1.85	1.68	1.00	1.93
CENTRAL	1.56	1.56	1.56	1.55	1.62	1.64	**	1.79
NORTH CENTRAL	1.59	1.59	1.59	1.59	1.66	1.58	1.65	1.82
WEST	1.60	1.60	1.60	1.60	1.52	2.08	**	1.76
NORTHWEST	1.55	1.55	1.55	1.56	1.51	1.53	2.00	1.73
LOCATION:								
SMSA	1.66	1.66	1.66	1.66	1.77	1.70	1.56	1.92
NOT SMSA	1.68	1.68	1.68	1.66	1.71	1.70	1.76	1.91
NOT DEFINED	1.71	1.71	1.71	1.69	1.75	1.69	1.80	1.96
RACE OF HSEHOLD HEAD								
WHITE	1.65	1.65	1.65	1.63	1.70	1.67	1.56	1.88
BLACK	2.02	2.02	2.02	1.95	2.14	2.06	1.92	2.63
OTHER	2.02	2.02	2.02	1.86	2.14	1.69	11.00	2.47
SEX OF HSEHOLD HEAD:								
MALE	2.09	2.09	2.09	2.08	2.13	2.11	2.04	2.20
FEMALE	1.25	1.25	1.25	1.24	1.25	1.25	1.25	1.35
TENURE:								
RENTED	1.45	1.45	1.45	1.43	1.63	1.48	1.47	1.72
OWNED	1.80	1.80	1.80	1.79	1.78	1.83	1.81	1.99
OTHER	1.56	1.56	1.56	1.47	1.62	1.58	1.00	1.84

SEE STATISTICAL NOTES

TABLE A.41

AVERAGE NUMBERS OF PERSONS IN NON-ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN THOUSANDS) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	2.95	2.95	2.95	2.91	3.08	2.98	2.65	3.03
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	2.01	2.01	2.01	1.92	2.26	1.99	1.94	2.21
$5,000 TO $9,999	2.48	2.48	2.48	2.41	2.70	2.44	2.68	2.48
$10,000 TO $14,999	2.76	2.76	2.76	2.68	3.04	2.80	2.59	2.76
$15,000 TO $19,999	3.03	3.03	3.03	2.98	3.26	3.03	3.15	3.03
$20,000 TO $24,999	3.33	3.33	3.33	3.30	3.48	3.36	2.15	3.32
$25,000 TO $29,999	3.34	3.34	3.34	3.32	3.53	3.32	2.77	3.34
$30,000 TO $34,999	3.57	3.57	3.57	3.61	3.64	3.67	2.94	3.58
$35,000 AND OVER	3.68	3.68	3.68	3.66	3.93	3.69	3.15	3.72
POVERTY LEVEL:								
POVERTY	2.75	2.75	2.75	2.66	3.02	2.73	2.95	2.96
NOT = POVERTY	2.97	2.97	2.97	2.94	3.09	3.00	2.61	3.03
DOE REGION:								
NEW ENGLAND	2.99	2.99	2.99	2.87	3.20	3.01	3.34	3.12
NEW YORK/NEW JERSEY	2.91	2.91	2.91	2.85	2.95	2.85	2.44	3.04
MID-ATLANTIC	2.95	2.95	2.95	2.89	2.94	2.95	2.88	3.03
SOUTH ATLANTIC	3.07	3.07	3.07	3.02	3.18	3.17	3.94	3.13
MIDWEST	3.03	3.03	3.03	3.01	3.07	3.21	2.35	3.11
SOUTHWEST	3.02	3.02	3.02	3.02	3.18	2.53	1.80	3.07
CENTRAL	2.93	2.93	2.93	2.92	3.17	3.20	3.14	3.00
NORTH CENTRAL	2.95	2.95	2.95	2.93	3.01	3.08	2.54	3.02
WEST	2.69	2.69	2.69	2.71	2.99	2.10	3.00	2.75
NORTHWEST	2.83	2.83	2.83	2.86	2.86	2.84	3.99	2.89
LOCATION:								
SMSA	2.88	2.88	2.88	2.87	3.00	2.91	2.37	2.96
NOT SMSA	3.07	3.07	3.07	3.03	3.11	3.13	3.22	3.15
NOT DEFINED	3.06	3.06	3.06	3.01	3.19	3.08	3.33	3.13
RACE OF HSEHOLD HEAD								
WHITE	2.92	2.92	2.92	2.89	3.04	2.98	2.56	2.99
BLACK	3.14	3.14	3.14	3.04	3.41	3.05	2.89	3.39
OTHER	3.07	3.07	3.07	3.05	3.67	3.04	3.04	3.20
SEX OF HSEHOLD HEAD:								
MALE	3.15	3.15	3.15	3.12	3.24	3.19	2.77	3.20
FEMALE	2.25	2.25	2.25	2.24	2.38	2.19	2.28	2.17
TENURE:								
RENTED	2.49	2.49	2.49	2.45	2.82	2.52	2.38	2.52
OWNED	3.29	3.29	3.29	3.31	3.19	3.31	3.14	3.34
OTHER	3.20	3.20	3.20	3.11	3.31	3.20	3.24	3.32

SEE STATISTICAL NOTES

TABLE A.42

AVERAGE FUEL EXPENDITURE OF ALL HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN 1978 $$) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUELS	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	1,607	774	422	299	278	454	384	1,010
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	849	548	266	225	272	417	365	604
$5,000 TO $9,999	1,172	633	328	245	279	431	347	748
$10,000 TO $14,999	1,505	729	392	279	276	444	430	888
$15,000 TO $19,999	1,836	840	459	328	278	460	375	1,064
$20,000 TO $24,999	1,962	880	499	328	273	466	451	1,116
$25,000 TO $29,999	2,194	953	551	355	295	495	369	1,272
$30,000 TO $34,999	2,314	999	589	369	294	506	310	1,354
$35,000 AND OVER	2,518	1,109	643	414	286	506	436	1,464
POVERTY LEVEL:								
POVERTY	918	567	293	230	283	405	326	701
NOT = POVERTY	1,700	802	440	308	277	460	394	1,034
DOE REGION:								
NEW ENGLAND	1,801	1,008	410	357	240	495	238	1,008
NEW YORK/NEW JERSEY	1,837	1,013	396	369	239	507	388	1,082
MID-ATLANTIC	1,726	907	472	322	237	449	294	1,007
SOUTH ATLANTIC	1,515	697	471	265	268	324	317	1,005
MIDWEST	1,662	793	410	352	312	451	452	1,026
SOUTHWEST	1,486	689	466	228	306	212	216	971
CENTRAL	1,493	687	361	292	381	435	425	967
NORTH CENTRAL	1,463	629	378	233	329	411	328	965
WEST	1,476	617	408	218	241	360	443	995
NORTHWEST	1,421	534	272	364	192	396	158	1,012
LOCATION:								
SMSA	1,621	779	413	300	265	474	403	1,027
NOT SMSA	1,569	771	441	310	284	418	341	963
NOT DEFINED	1,602	762	434	284	291	430	342	1,005
AGE OF HSEHOLD HEAD:								
UNDER 65	1,766	809	453	307	280	463	381	1,089
65 AND OVER	1,017	645	310	268	271	437	392	598
RACE OF HSEHOLD HEAD:								
WHITE	1,658	782	428	302	276	455	394	1,021
BLACK	1,206	720	380	277	294	449	332	877
OTHER	1,450	712	394	260	268	503	494	998
SEX OF HSEHOLD HEAD:								
MALE	1,850	827	464	316	280	455	388	1,109
FEMALE	981	638	315	258	273	451	375	597
TENURE:								
RENTED	1,362	693	359	254	281	488	422	911
OWNED	1,788	836	467	338	275	435	324	1,069
OTHER	1,456	701	418	240	297	398	307	980

SEE STATISTICAL NOTES

TABLE A.43

AVERAGE FUEL EXPENDITURE OF ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN 1978 $$) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	1,017	645	310	268	271	437	392	598
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	676	536	240	230	269	425	402	341
$5,000 TO $9,999	938	612	291	257	272	427	349	468
$10,000 TO $14,999	1,301	718	351	291	268	442	460	693
$15,000 TO $19,999	1,526	819	412	330	280	458	457	845
$20,000 TO $24,999	1,686	852	450	335	260	449	286	917
$25,000 TO $29,999	2,015	1,011	580	372	328	473	207	1,083
$30,000 TO $34,999	1,934	967	539	378	235	459	361	1,133
$35,000 AND OVER	2,252	1,099	584	418	277	520	230	1,260
POVERTY LEVEL:								
POVERTY	666	526	246	230	277	408	375	380
NOT = POVERTY	1,119	679	328	278	268	443	397	631
DOE REGION:								
NEW ENGLAND	1,185	855	290	288	233	481	246	622
NEW YORK/NEW JERSEY	1,278	870	298	307	230	488	329	749
MID-ATLANTIC	1,125	782	352	295	238	440	229	582
SOUTH ATLANTIC	955	585	363	248	263	308	331	583
MIDWEST	1,037	650	291	320	294	414	514	586
SOUTHWEST	891	543	329	211	303	209	368	564
CENTRAL	923	572	260	268	364	455	**	548
NORTH CENTRAL	875	520	284	209	293	407	301	557
WEST	875	477	294	189	206	389	**	580
NORTHWEST	859	454	209	312	193	360	97	612
LOCATION:								
SMSA	1,040	651	301	267	250	447	397	636
NOT SMSA	986	644	327	264	281	417	406	533
NOT DEFINED	969	626	313	252	285	427	330	571
RACE OF HSEHOLD HEAD								
WHITE	1,035	648	310	269	269	437	381	603
BLACK	827	611	306	256	281	433	464	504
OTHER	977	641	339	251	327	451	396	638
SEX OF HSEHOLD HEAD:								
MALE	1,282	708	360	290	276	434	364	698
FEMALE	741	578	257	247	265	439	416	391
TENURE:								
RENTED	840	588	262	222	264	468	423	572
OWNED	1,115	678	335	297	272	422	351	608
OTHER	850	555	285	224	277	383	554	549

SEE STATISTICAL NOTES

TABLE A.44

AVERAGE FUEL EXPENDITURE OF NON-ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN 1978 $$) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	1,766	809	453	307	280	460	381	1,089
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	1,066	564	299	219	275	404	329	825
$5,000 TO $9,999	1,279	642	344	240	281	433	346	869
$10,000 TO $14,999	1,543	731	400	277	278	444	424	923
$15,000 TO $19,999	1,865	842	463	328	277	460	359	1,082
$20,000 TO $24,999	1,985	882	503	328	274	468	455	1,131
$25,000 TO $29,999	2,205	950	549	354	293	497	392	1,283
$30,000 TO $34,999	2,336	1,001	591	369	299	509	306	1,365
$35,000 AND OVER	2,546	1,110	649	414	287	504	449	1,484
POVERTY LEVEL:								
POVERTY	1,088	595	324	230	287	402	296	836
NOT = POVERTY	1,833	830	465	314	279	464	393	1,105
DOE REGION:								
NEW ENGLAND	1,987	1,055	446	379	243	500	226	1,079
NEW YORK/NEW JERSEY	1,990	1,052	422	385	242	513	407	1,142
MID-ATLANTIC	1,874	938	501	328	236	451	312	1,078
SOUTH ATLANTIC	1,678	729	503	269	270	328	312	1,095
MIDWEST	1,828	831	442	360	318	462	432	1,112
SOUTHWEST	1,645	728	503	232	307	213	153	1,048
CENTRAL	1,702	729	398	301	387	424	425	1,076
NORTH CENTRAL	1,617	657	403	239	337	413	339	1,040
WEST	1,607	648	433	225	249	348	443	1,065
NORTHWEST	1,573	556	288	379	192	408	190	1,089
LOCATION:								
SMSA	1,761	810	440	307	269	482	405	1,093
NOT SMSA	1,770	815	480	319	285	419	326	1,070
NOT DEFINED	1,782	801	469	293	292	432	347	1,095
RACE OF HSEHOLD HEAD:								
WHITE	1,834	819	461	311	278	460	399	1,103
BLACK	1,277	741	394	280	298	452	308	929
OTHER	1,518	722	402	241	251	509	495	1,033
SEX OF HSEHOLD HEAD:								
MALE	1,951	848	483	320	280	460	393	1,173
FEMALE	1,123	673	348	265	279	460	346	673
TENURE:								
RENTED	1,469	714	379	260	284	491	421	950
OWNED	1,998	885	509	350	276	440	312	1,179
OTHER	1,681	755	467	246	305	404	271	1,080

SEE STATISTICAL NOTES

TABLE A.45

PER PERSON AVERAGE FUEL EXPENDITURE OF ALL HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN 1978 $$) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	600	289	158	113	10	18	16	354
DISPOSABLE INCOME CLASS IN $1978								
UNDER $5,000	540	349	169	149	15	27	23	326
$5,000 TO $9,999	522	282	146	112	11	19	15	328
$10,000 TO $14,999	570	276	148	109	9	16	17	335
$15,000 TO $19,999	619	283	155	113	8	15	12	357
$20,000 TO $24,999	602	270	153	101	8	14	20	342
$25,000 TO $29,999	663	268	166	108	6	15	13	363
$30,000 TO $34,999	656	283	167	104	8	13	10	361
$35,000 AND OVER	701	309	174	116	7	14	13	401
POVERTY LEVEL:								
POVERTY	422	261	135	109	12	19	14	272
NOT = POVERTY	619	292	160	113	9	16	16	360
DOE REGION:								
NEW ENGLAND	671	375	153	139	6	14	9	342
NEW YORK/NEW JERSEY	693	382	149	141	8	19	17	374
MID-ATLANTIC	636	334	174	121	8	16	11	349
SOUTH ATLANTIC	544	256	169	97	9	11	9	342
MIDWEST	668	296	150	129	11	16	21	353
SOUTH-EST	543	252	170	83	10	9	13	336
CENTRAL	582	268	141	114	13	16	13	351
NORTH CENTRAL	549	236	142	88	11	15	14	341
WEST	592	247	168	87	9	17	14	362
NORTHWEST	557	206	106	141	7	15	4	374
LOCATION:								
SMSA	612	294	156	114	9	17	18	365
NOT SMSA	578	284	162	117	10	15	11	332
NOT DEFINED	581	276	157	105	10	15	11	343
AGE OF HSEHOLD HEAD:								
UNDER 65	599	274	153	105	9	15	14	360
65 AND OVER	606	384	185	162	15	25	24	310
RACE OF HSEHOLD HEAD:								
WHITE	628	296	162	115	10	17	17	363
BLACK	407	243	128	96	9	15	12	266
OTHER	493	242	134	90	8	17	15	318
SEX OF HSEHOLD HEAD:								
MALE	619	277	155	106	9	15	14	362
FEMALE	522	340	167	137	14	25	20	306
TENURE:								
RENTED	598	306	155	111	10	21	19	374
OWNED	609	284	159	114	9	14	11	347
OTHER	526	254	151	90	10	14	10	322

SEE STATISTICAL NOTES

TABLE A.46

PER PERSON AVERAGE FUEL EXPENDITURE OF ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN 1978 $$) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	606	384	185	162	155	257	242	310
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	555	484	197	194	205	355	343	284
$5,000 TO $9,999	541	353	188	153	144	253	230	254
$10,000 TO $14,999	652	363	176	148	122	228	242	338
$15,000 TO $19,999	684	365	184	150	119	208	210	364
$20,000 TO $24,999	688	348	168	136	99	174	94	369
$25,000 TO $29,999	707	355	203	130	110	157	73	374
$30,000 TO $34,999	690	345	192	145	78	136	90	372
$35,000 AND OVER	815	397	211	148	98	166	58	434
POVERTY LEVEL:								
POVERTY	503	398	166	180	195	316	313	231
NOT = POVERTY	629	381	144	159	144	247	227	321
DOE REGION:								
NEW ENGLAND	713	514	175	176	134	286	126	305
NEW YORK/NEW JERSEY	745	508	176	179	124	263	142	334
MID-ATLANTIC	668	445	200	166	136	255	130	262
SOUTH ATLANTIC	583	324	201	143	142	173	150	266
MIDWEST	639	408	174	197	164	264	168	317
SOUTHWEST	527	321	195	128	164	125	169	292
CENTRAL	591	366	167	173	225	278	**	306
NORTH CENTRAL	549	325	174	132	176	257	142	306
WEST	548	299	164	116	135	147	**	330
NORTHWEST	556	298	135	200	127	235	49	353
LOCATION:								
SMSA	625	391	181	161	141	265	255	331
NOT SMSA	587	385	199	177	164	248	231	279
NOT DEFINED	577	365	142	150	165	253	185	292
RACE OF HSEHOLD HEAD:								
WHITE	629	394	154	166	156	261	244	321
BLACK	699	382	151	131	131	210	242	191
OTHER	626	316	168	135	153	242	56	254
SEX OF HSEHOLD HEAD:								
MALE	613	339	172	139	134	206	178	317
FEMALE	585	368	207	194	211	351	332	269
TENURE:								
RENTED	545	407	181	155	162	316	287	332
OWNED	614	377	186	166	153	231	194	305
OTHER	584	355	182	152	170	242	55	248

SEE STATISTICAL NOTES

TABLE A.47

PER PERSON AVERAGE FUEL EXPENDITURE OF NON-ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN 1978 $S) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL ELECTRICITY	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	KEROSENE
TOTAL	599	270	153	105	41	158	144	36
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	528	25	14	114	122	208	170	37
$5,000 TO $9,999	514	25	13	99	104	177	129	35
$10,000 TO $14,999	558	245	145	103	41	156	163	33
$15,000 TO $19,999	615	277	153	110	65	152	114	35
$20,000 TO $24,999	597	265	151	99	74	139	212	34
$25,000 TO $29,999	66	275	165	107	83	156	142	36
$30,000 TO $34,999	654	29	166	102	82	139	106	30
$35,000 AND OVER	692	312	174	113	73	136	143	34
POVERTY LEVEL:								
POVERTY	395	216	118	87	95	147	100	28
NOT = POVERTY	617	284	157	107	53	154	151	36
DOE REGION:								
NEW ENGLAND	583	352	148	132	76	166	68	34
NEW YORK/NEW JERSEY	684	362	185	135	82	180	167	37
MID-ATLANTIC	636	314	170	114	60	153	108	35
SOUTH ATLANTIC	548	237	164	69	85	103	79	34
MIDWEST	643	277	144	120	104	144	184	35
SOUTHWEST	545	201	147	77	97	84	65	34
CENTRAL	591	284	136	103	122	133	136	35
NORTH CENTRAL	549	223	137	82	112	134	134	34
WEST	597	243	161	83	83	165	144	36
NORTHWEST	557	197	102	133	67	144	88	37
LOCATION:								
SMSA	610	281	153	107	90	166	171	36
NOT SMSA	576	265	156	105	91	134	101	34
NOT REPORTED	582	242	153	97	42	149	104	35
RACE OF HSEHOLD HEAD:								
WHITE	627	280	154	104	92	155	156	36
BLACK	407	236	126	92	87	146	107	27
OTHER	644	235	131	86	68	167	163	32
SEX OF HSEHOLD HEAD:								
MALE	619	265	153	102	86	149	142	36
FEMALE	498	289	155	116	117	213	152	31
TENURE:								
RENTED	591	287	152	106	101	145	177	37
OWNED	607	269	155	106	87	133	99	35
OTHER	525	236	146	79	92	128	84	32

SEE STATISTICAL NOTES

TABLE A.48

AVERAGE DISPOSABLE INCOME OF ALL HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN 1978 $$) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	16,592	16,592	16,592	16,854	14,396	17,046	13,244	18,451
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	3,130	3,130	3,130	3,143	3,103	3,178	2,950	3,145
$5,000 TO $9,999	7,471	7,471	7,471	7,473	7,415	7,506	7,265	7,582
$10,000 TO $14,999	12,458	12,458	12,458	12,459	12,457	12,452	12,437	12,494
$15,000 TO $19,999	17,421	17,421	17,421	17,427	17,394	17,456	17,082	17,450
$20,000 TO $24,999	22,332	22,332	22,332	22,335	22,277	22,250	22,404	22,333
$25,000 TO $29,999	27,336	27,336	27,336	27,331	27,195	27,329	26,773	27,337
$30,000 TO $34,999	32,294	32,294	32,294	32,291	32,169	32,327	31,834	32,282
$35,000 AND OVER	48,276	48,276	48,276	47,867	48,669	48,761	42,128	48,181
POVERTY LEVEL:								
POVERTY	3,162	3,162	3,162	3,157	3,222	3,065	3,380	3,244
NOT = POVERTY	18,392	18,392	18,392	18,578	16,468	18,569	14,970	19,626
DOE REGION:								
NEW ENGLAND	18,164	18,164	18,165	16,844	17,560	18,208	10,310	20,742
NEW YORK/NEW JERSEY	18,914	18,914	18,914	18,819	18,921	18,536	15,221	21,996
MID-ATLANTIC	17,057	17,057	17,057	17,166	15,686	16,645	14,383	18,994
SOUTH ATLANTIC	14,125	14,125	14,125	14,133	12,035	14,177	10,106	15,825
MIDWEST	17,878	17,878	17,878	18,238	14,833	16,874	12,789	19,645
SOUTHWEST	14,352	14,352	14,352	14,745	11,769	13,257	5,852	15,963
CENTRAL	14,479	14,479	14,479	14,966	11,732	12,889	13,887	15,998
NORTH CENTRAL	15,112	15,112	15,112	15,639	12,774	11,378	12,494	16,505
WEST	17,686	17,686	17,686	17,616	16,830	16,120	14,113	19,159
NORTHWEST	16,290	16,290	16,290	16,086	15,452	16,165	13,055	17,815
LOCATION:								
SMSA	18,002	18,002	18,003	17,951	17,056	18,275	13,611	20,087
NOT SMSA	13,810	13,810	13,810	13,861	12,354	14,559	13,423	15,303
NOT DEFINED	14,768	14,768	14,768	15,101	12,820	15,936	9,786	16,322
AGE OF HSEHOLD HEAD:								
UNDER 65	18,488	18,488	18,488	18,700	16,342	19,108	14,696	19,696
65 AND OVER	9,555	9,555	9,555	9,854	8,196	10,310	8,680	11,937
RACE OF HSEHOLD HEAD:								
WHITE	17,167	17,167	17,167	17,455	14,874	17,489	13,349	18,722
BLACK	12,017	12,017	12,017	12,348	10,584	13,045	11,574	15,062
OTHER	15,675	15,675	15,675	16,404	12,928	17,626	23,723	18,408
SEX OF HSEHOLD HEAD:								
MALE	19,308	19,308	19,309	19,765	16,411	19,729	15,423	20,081
FEMALE	9,579	9,579	9,579	9,806	8,190	9,823	8,516	11,690
TENURE:								
RENTED	13,803	13,803	13,804	13,784	13,275	14,456	13,165	15,891
OWNED	18,843	18,843	18,843	19,534	15,324	19,079	13,544	20,195
OTHER	11,166	11,166	11,166	12,099	9,194	12,227	11,388	12,881

SEE STATISTICAL NOTES

TABLE A.49

AVERAGE DISPOSABLE INCOME OF ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN 1978 $S) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL BUT ELECTRICITY	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	9,555	9,555	9,555	9,854	8,196	10,310	8,680	11,937
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	3,240	3,240	3,240	3,259	3,232	3,278	2,924	3,361
$5,000 TO $9,999	7,142	7,142	7,142	7,147	7,056	7,152	6,952	7,262
$10,000 TO $14,999	12,152	12,152	12,152	12,139	12,805	12,130	11,967	12,174
$15,000 TO $19,999	17,209	17,209	17,209	17,285	17,051	17,110	15,782	17,218
$20,000 TO $24,999	22,251	22,251	22,251	22,312	22,017	22,288	21,575	22,267
$25,000 TO $29,999	27,281	27,281	27,281	27,303	26,675	27,302	28,594	27,207
$30,000 TO $34,999	32,735	32,735	32,735	32,793	33,384	32,819	34,760	32,584
$35,000 AND OVER	52,713	52,713	52,713	52,084	51,131	54,957	43,018	52,865
POVERTY LEVEL:								
POVERTY	2,569	2,569	2,569	2,528	2,702	2,477	2,397	2,663
NOT = POVERTY	11,578	11,578	11,578	11,821	10,276	12,091	10,581	13,354
DOE REGION:								
NEW ENGLAND	11,095	11,095	11,095	10,567	9,615	10,936	7,376	14,945
MID-ATLANTIC	11,240	11,240	11,240	11,516	12,642	11,600	13,898	15,787
EAST NORTH CENTRAL	10,154	10,154	10,154	10,375	7,887	10,555	8,223	12,517
WEST NORTH CENTRAL	8,453	8,453	8,453	8,700	7,299	8,941	5,331	10,426
SOUTH ATLANTIC	8,796	8,796	8,796	10,100	8,208	8,943	8,721	11,966
EAST SOUTH CENTRAL	7,922	7,922	7,922	8,312	6,234	6,107	4,059	9,837
WEST SOUTH CENTRAL	8,013	8,013	8,013	8,181	6,495	7,335	**	9,767
MOUNTAIN	8,857	8,857	8,857	8,867	6,570	8,836	5,622	10,586
PACIFIC	10,768	10,768	10,768	10,903	11,136	12,026	**	12,854
LOCATION:	8,571	8,571	8,571	9,019	7,635	8,586	11,931	10,738
SMSA	10,786	10,786	10,786	10,896	10,461	11,577	9,775	13,824
NOT SMSA	7,672	7,672	7,672	7,684	6,911	6,088	5,359	9,220
NOT OBTAINED	8,275	8,275	8,275	8,587	6,893	9,040	6,766	10,008
RACE OF HSEHOLD HEAD:								
WHITE	9,779	9,779	9,779	10,084	8,389	10,470	8,658	12,052
BLACK	7,055	7,055	7,056	7,290	6,453	8,110	8,662	9,989
OTHER	9,182	9,182	9,182	9,117	6,352	5,767	28,537	12,037
SEX OF HSEHOLD HEAD:								
MALE	12,306	12,306	12,307	12,951	9,996	13,391	11,159	13,498
FEMALE	6,674	6,674	6,674	6,831	5,899	6,962	6,555	8,701
TENURE:								
RENTER	8,129	8,129	8,129	8,192	6,603	8,878	9,345	11,020
OWNER	10,482	10,482	10,482	11,006	8,353	11,310	8,097	12,406
OTHER	6,115	6,115	6,115	6,385	5,313	7,108	3,403	7,938

SEE STATISTICAL NOTES

TABLE A.50

AVERAGE DISPOSABLE INCOME OF NON-ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN 1978 $$) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	18,488	18,488	18,488	18,700	16,342	19,108	14,696	19,696
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	2,991	2,991	2,991	2,997	2,942	3,023	2,976	2,964
$5,000 TO $9,999	7,620	7,620	7,620	7,621	7,569	7,694	7,416	7,720
$10,000 TO $14,999	12,515	12,515	12,515	12,517	12,466	12,530	12,530	12,550
$15,000 TO $19,999	17,440	17,440	17,440	17,440	17,425	17,494	17,327	17,469
$20,000 TO $24,999	22,339	22,339	22,339	22,336	22,299	22,246	22,422	22,339
$25,000 TO $29,999	27,340	27,340	27,340	27,333	27,233	27,331	26,509	27,345
$30,000 TO $34,999	32,269	32,269	32,269	32,261	32,071	32,296	31,626	32,267
$35,000 AND OVER	47,813	47,813	47,813	47,391	48,442	48,006	42,072	47,719
POVERTY LEVEL:								
POVERTY	3,563	3,563	3,563	3,567	3,598	3,531	3,974	3,489
NOT = POVERTY	19,955	19,955	19,956	20,114	18,067	20,309	16,191	20,733
DOE REGION:								
NEW ENGLAND	20,295	20,295	20,296	18,869	19,980	20,495	15,104	21,817
NEW YORK/NEW JERSEY	21,010	21,010	21,010	20,755	20,765	20,611	15,637	23,120
MID-ATLANTIC	18,754	18,754	18,754	18,820	17,308	18,368	16,117	20,075
SOUTH ATLANTIC	15,775	15,775	15,775	15,682	13,725	15,807	11,973	16,975
MIDWEST	20,026	20,026	20,026	20,371	16,978	19,314	14,136	21,150
SOUTHWEST	16,075	16,075	16,075	16,422	13,876	15,346	6,589	17,119
CENTRAL	16,849	16,849	16,849	17,419	13,724	15,715	13,887	17,619
NORTH CENTRAL	16,863	16,863	16,863	17,372	14,240	13,354	15,318	17,591
WEST	19,200	19,200	19,200	19,071	18,203	17,817	14,113	20,210
NORTHWEST	18,385	18,385	18,385	18,060	17,524	18,565	13,628	19,177
LOCATION:								
SMSA	19,733	19,733	19,734	19,621	18,829	20,252	14,903	21,143
NOT SMSA	15,932	15,932	15,932	16,090	14,306	16,669	15,319	16,816
NOT DEFINED	16,682	16,682	16,683	17,012	14,783	18,109	11,034	17,644
RACE OF HSEHOLD HEAD:								
WHITE	19,250	19,250	19,250	19,510	16,958	19,768	15,095	20,032
BLACK	12,945	12,945	12,946	13,206	11,642	13,889	12,112	15,765
OTHER	16,615	16,615	16,615	17,426	14,756	18,932	23,672	19,039
SEX OF HSEHOLD HEAD:								
MALE	20,550	20,550	20,550	20,928	17,794	21,002	16,252	21,103
FEMALE	11,295	11,295	11,295	11,488	9,906	11,850	9,889	12,788
TENURE:								
RENTED	14,974	14,974	14,975	14,953	14,111	15,927	14,151	16,458
OWNED	21,458	21,458	21,458	22,163	17,934	21,660	16,055	22,045
OTHER	13,038	13,038	13,038	14,224	10,616	14,201	12,535	14,030

SEE STATISTICAL NOTES

TABLE A.51

PER PERSON AVERAGE DISPOSABLE INCOME OF ALL HOUSEHOLDS PURCHASING PARTICULAR FUELS --1985 (IN 1978 $$) BY 1978 AHC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	6,190	6,190	6,190	6,356	5,211	6,352	5,520	6,473
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	1,991	1,991	1,991	2,078	1,790	2,109	1,899	1,711
$5,000 TO $9,999	3,325	3,325	3,325	3,423	3,015	3,444	3,154	3,327
$10,000 TO $14,999	4,717	4,717	4,717	4,847	4,286	4,729	5,016	4,707
$15,000 TO $19,999	5,871	5,871	5,871	5,975	5,463	5,923	5,710	5,855
$20,000 TO $24,999	6,850	6,850	6,850	6,899	6,527	6,778	10,335	6,849
$25,000 TO $29,999	8,258	8,258	8,258	8,296	7,791	8,281	9,640	8,242
$30,000 TO $34,999	9,156	9,156	9,156	9,093	8,963	8,859	10,566	9,084
$35,000 AND OVER	13,443	13,443	13,443	13,372	12,701	13,563	13,162	13,213
POVERTY LEVEL:								
POVERTY	1,452	1,452	1,452	1,495	1,371	1,465	1,477	1,261
NOT = POVERTY	6,694	6,694	6,694	6,831	5,800	6,758	6,189	6,834
DOE REGION:								
NEW ENGLAND	6,762	6,762	6,762	6,558	6,122	6,754	4,157	7,035
NEW YORK/NEW JERSEY	7,133	7,133	7,133	7,205	6,998	7,158	6,651	7,593
MID-ATLANTIC	6,288	6,288	6,288	6,439	5,737	6,215	5,459	6,576
SOUTH ATLANTIC	5,669	5,069	5,069	5,163	4,259	4,988	2,923	5,386
MIDWEST	6,539	6,539	6,539	6,703	5,473	5,975	6,055	6,767
SOUTHWEST	5,243	5,243	5,243	5,386	4,184	5,667	3,729	5,527
CENTRAL	5,646	5,646	5,646	5,855	4,284	4,823	4,425	5,812
NORTH CENTRAL	5,674	5,674	5,674	5,888	4,635	4,338	5,476	5,829
WEST	7,088	7,088	7,088	7,003	6,214	7,694	4,704	7,344
NORTHWEST	6,382	6,382	6,382	6,250	5,990	6,399	3,937	6,580
LOCATION:								
SMSA	6,798	6,798	6,798	6,803	6,231	6,942	6,292	7,144
NOT SMSA	5,086	5,086	5,086	5,228	4,504	5,247	4,567	5,274
NOT DEFINED	5,361	5,361	5,361	5,578	4,536	5,807	3,393	5,577
AGE OF HSEHOLD HEAD:								
UNDER 65	6,266	6,266	6,266	6,415	5,302	6,401	5,550	6,507
65 AND OVER	5,696	5,696	5,696	5,961	4,701	6,071	5,361	6,198
RACE OF HSEHOLD HEAD:								
WHITE	6,496	6,496	6,496	6,667	5,488	6,582	5,834	6,657
BLACK	4,059	4,059	4,059	4,282	3,361	4,489	4,232	4,569
OTHER	5,331	5,331	5,331	5,648	3,874	6,081	7,603	5,866
SEX OF HSEHOLD HEAD:								
MALE	6,456	6,456	6,456	6,653	5,391	6,552	5,821	6,547
FEMALE	5,099	5,099	5,099	5,222	4,319	5,452	4,586	5,990
TENURE:								
RENTED	5,978	5,978	5,978	6,053	5,036	6,268	6,010	6,529
OWNED	6,414	6,414	6,414	6,615	5,460	6,491	4,979	6,549
OTHER	4,047	4,047	4,047	4,542	3,215	4,445	3,853	4,235

SEE STATISTICAL NOTES

TABLE A.52

PER PERSON AVERAGE DISPOSABLE INCOME OF ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN 1978 $$) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL NONE FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	5,696	5,696	5,696	5,961	4,701	6,071	5,361	6,198
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	2,660	2,660	2,660	2,742	2,460	2,742	2,496	2,403
$5,000 TO $9,999	4,122	4,122	4,122	4,261	3,724	4,231	4,547	4,009
$10,000 TO $14,999	6,089	6,089	6,089	6,198	5,647	6,264	6,300	5,935
$15,000 TO $19,999	7,672	7,672	7,672	7,860	7,275	7,782	7,258	7,418
$20,000 TO $24,999	9,084	9,084	9,084	9,221	8,405	8,859	7,097	8,949
$25,000 TO $29,999	9,571	9,571	9,571	9,561	8,909	9,031	10,105	9,393
$30,000 TO $34,999	11,682	11,682	11,682	12,557	11,082	9,762	8,690	10,711
$35,000 AND OVER	19,066	19,066	19,066	18,438	18,128	19,659	10,755	18,377
POVERTY LEVEL:								
POVERTY	1,942	1,942	1,942	1,979	1,896	1,923	2,000	1,619
NOT = POVERTY	6,503	6,503	6,503	6,740	5,514	6,751	6,059	6,782
DOE REGION:								
NEW ENGLAND	6,671	6,671	6,671	6,457	5,367	6,431	3,769	7,314
NEW YORK/NEW JERSEY	6,562	6,562	6,562	6,740	6,823	6,738	7,690	7,459
MID-ATLANTIC	5,785	5,785	5,785	5,919	4,501	6,105	4,660	6,075
SOUTH ATLANTIC	4,691	4,691	4,691	5,011	3,954	5,041	2,407	5,156
MIDWEST	6,034	6,034	6,034	6,205	5,141	5,690	6,248	6,472
SOUTHWEST	4,683	4,683	4,683	5,039	3,367	3,644	4,059	5,097
CENTRAL	5,126	5,126	5,126	5,272	4,017	4,880	**	5,461
NORTH CENTRAL	5,307	5,307	5,307	5,593	3,955	4,351	3,401	5,789
WEST	6,745	6,745	6,745	6,829	7,331	5,792	**	7,303
NORTHWEST	5,546	5,546	5,546	5,773	5,048	5,605	5,965	6,193
LOCATION:								
SMSA	6,480	6,480	6,480	6,566	5,900	6,801	6,275	7,192
NOT SMSA	4,568	4,568	4,568	4,791	4,050	4,770	3,040	4,824
NOT DEFINED	4,826	4,826	4,826	5,089	3,929	5,355	3,763	5,114
RACE OF HSEHOLD HEAD:								
WHITE	5,944	5,944	5,944	6,205	4,936	6,254	5,541	6,405
BLACK	3,491	3,491	3,491	3,729	3,016	3,327	4,516	3,795
OTHER	4,556	4,556	4,556	4,911	2,969	3,601	2,594	4,877
SEX OF HSEHOLD HEAD:								
MALE	5,888	5,888	5,888	6,231	4,701	6,343	5,458	6,128
FEMALE	5,359	5,359	5,359	5,519	4,702	5,572	5,226	6,434
TENURE:								
RENTED	5,621	5,621	5,621	5,736	5,284	5,983	6,341	6,390
OWNED	5,813	5,813	5,813	6,133	4,692	6,189	4,480	6,224
OTHER	3,912	3,912	3,912	4,337	3,270	4,097	3,403	4,310

SEE STATISTICAL NOTES

TABLE A.53

PER PERSON AVERAGE DISPOSABLE INCOME OF NON-ELDERLY HOUSEHOLDS PURCHASING PARTICULAR FUELS--1985 (IN 1978 $$) BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	6,266	6,266	6,266	6,415	5,302	6,401	5,550	6,507
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	1,485	1,485	1,485	1,559	1,303	1,523	1,537	1,342
$5,000 TO $9,999	3,073	3,073	3,073	3,159	2,861	3,155	2,764	3,112
$10,000 TO $14,999	4,534	4,534	4,534	4,668	4,103	4,671	4,830	4,546
$15,000 TO $19,999	5,749	5,749	5,749	5,845	5,347	5,775	5,508	5,758
$20,000 TO $24,999	6,716	6,716	6,716	6,762	6,410	6,619	10,434	6,729
$25,000 TO $29,999	8,188	8,188	8,188	8,233	7,720	8,226	9,571	8,183
$30,000 TO $34,999	9,041	9,041	9,041	8,941	8,821	8,908	10,748	9,014
$35,000 AND OVER	13,002	13,002	13,002	12,931	12,341	12,999	13,352	12,819
POVERTY LEVEL:								
POVERTY	1,294	1,294	1,294	1,543	1,192	1,294	1,349	1,177
NOT = POVERTY	6,720	6,720	6,720	6,844	5,845	6,759	6,213	6,840
DOE REGION:								
NEW ENGLAND	6,777	6,777	6,777	6,577	6,251	6,810	4,528	7,001
NEW YORK/NEW JERSEY	7,225	7,225	7,225	7,279	7,030	7,233	6,410	7,610
MID-ATLANTIC	6,362	6,362	6,362	6,515	5,890	6,234	5,597	6,633
SOUTH ATLANTIC	5,133	5,133	5,133	5,188	4,322	4,979	3,036	5,418
MIDWEST	6,611	6,611	6,611	6,774	5,528	6,018	6,017	6,801
SOUTHWEST	5,327	5,327	5,327	5,435	4,365	6,059	3,653	5,578
CENTRAL	5,748	5,748	5,748	5,967	4,336	4,912	4,425	5,867
NORTH CENTRAL	5,726	5,726	5,726	5,929	4,724	4,335	6,031	5,833
WEST	7,133	7,133	7,133	7,025	6,078	8,472	4,704	7,348
NORTHWEST	6,506	6,506	6,506	6,323	6,122	6,535	3,419	6,625
LOCATION:								
SMSA	6,842	6,842	6,842	6,835	6,284	6,966	6,296	7,138
NOT SMSA	5,184	5,184	5,184	5,311	4,594	5,332	4,764	5,342
NOT DEFINED	5,450	5,450	5,450	5,658	4,639	5,885	3,311	5,638
RACE OF HSEHOLD HEAD:								
WHITE	6,583	6,583	6,583	6,740	5,587	6,642	5,900	6,688
BLACK	4,127	4,127	4,127	4,342	3,416	4,554	4,197	4,653
OTHER	5,404	5,404	5,404	5,711	4,021	6,224	7,795	5,941
SEX OF HSEHOLD HEAD:								
MALE	6,523	6,523	6,523	6,701	5,489	6,580	5,875	6,592
FEMALE	5,014	5,014	5,014	5,129	4,168	5,404	4,339	5,088
TENURE:								
RENTED	6,020	6,020	6,020	6,092	5,010	6,311	5,957	6,540
OWNED	6,516	6,516	6,516	6,696	5,621	6,547	5,111	6,595
OTHER	4,071	4,071	4,071	4,578	3,205	4,435	3,873	4,225

SEE STATISTICAL NOTES

TABLE A.54

AVERAGE FUEL EXPENDITURE OF ALL HOUSEHOLDS AS A PERCENT OF DISPOSABLE INCOME--1985 BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	9.69	4.67	2.55	1.77	1.93	2.67	2.90	5.47
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	27.13	17.52	8.51	7.16	8.75	13.12	12.36	19.19
$5,000 TO $9,999	15.69	8.47	4.39	3.28	3.76	5.74	4.78	9.86
$10,000 TO $14,999	12.08	5.85	3.15	2.24	2.22	3.56	3.46	7.11
$15,000 TO $19,999	10.54	4.82	2.63	1.88	1.60	2.64	2.19	6.10
$20,000 TO $24,999	8.79	3.94	2.24	1.47	1.22	2.10	2.02	5.00
$25,000 TO $29,999	8.23	3.49	2.02	1.30	1.09	1.81	1.38	4.65
$30,000 TO $34,999	7.16	3.09	1.82	1.14	.92	1.57	.97	4.20
$35,000 AND OVER	5.22	2.30	1.33	.87	.59	1.04	1.04	3.04
POVERTY LEVEL:								
POVERTY	29.02	17.93	9.27	7.27	8.78	13.21	9.64	21.61
NOT = POVERTY	9.24	4.36	2.39	1.66	1.68	2.48	2.63	5.27
DOE REGION:								
NEW ENGLAND	9.92	5.55	2.26	2.12	1.37	2.72	2.31	4.86
NEW YORK/NEW JERSEY	9.71	5.35	2.09	1.96	1.26	2.74	2.55	4.92
MID-ATLANTIC	10.12	5.32	2.76	1.87	1.51	2.70	2.04	5.30
SOUTH ATLANTIC	10.72	4.93	3.34	1.87	2.23	2.28	3.14	6.35
MIDWEST	9.30	4.44	2.29	1.93	2.10	2.67	3.54	5.22
SOUTHWEST	10.35	4.80	3.25	1.55	2.60	1.60	3.69	6.08
CENTRAL	10.31	4.74	2.49	1.95	3.24	3.37	3.06	6.05
NORTH CENTRAL	9.08	4.16	2.50	1.49	2.57	3.61	2.63	5.85
WEST	8.34	3.49	2.31	1.24	1.43	2.23	3.14	5.19
NORTHWEST	8.72	3.28	1.67	2.26	1.24	2.45	1.21	5.68
LOCATION:								
SMSA	9.01	4.33	2.30	1.67	1.56	2.60	2.96	5.11
NOT SMSA	11.36	5.58	3.19	2.24	2.30	2.87	2.54	6.30
NOT DEFINED	10.85	5.16	2.94	1.88	2.27	2.70	3.50	6.16
AGE OF HSEHOLD HEAD								
UNDER 65	9.55	4.38	2.45	1.64	1.71	2.41	2.54	5.53
65 AND OVER	10.65	6.75	3.24	2.72	3.30	4.23	4.52	5.01
RACE OF HSEHOLD HEAD								
WHITE	9.66	4.55	2.49	1.73	1.86	2.60	2.95	5.45
BLACK	10.04	5.99	3.16	2.24	2.78	3.48	2.67	5.82
OTHER	9.25	4.54	2.52	1.59	2.07	2.86	2.08	5.42
SEX OF HSEHOLD HEAD:								
MALE	9.58	4.28	2.40	1.60	1.70	2.31	2.52	5.52
FEMALE	10.24	6.66	3.28	2.63	3.33	4.59	4.40	5.11
TENURE:								
RENTER	9.87	5.02	2.60	1.84	2.12	3.36	3.20	5.73
OWNER	9.49	4.43	2.48	1.73	1.79	2.28	2.39	5.29
OTHER	13.04	6.28	3.74	1.98	3.23	3.26	2.69	7.61

SEE STATISTICAL NOTES

TABLE A.55

AVERAGE FUEL EXPENDITURE OF ELDERLY HOUSEHOLDS AS A PERCENT OF DISPOSABLE INCOME--1985 BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	10.65	6.75	3.24	2.72	3.30	4.23	4.52	5.01
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	20.85	16.54	7.41	7.07	8.52	12.96	13.75	10.14
$5,000 TO $9,999	13.13	8.57	4.07	3.59	3.86	5.97	5.02	6.48
$10,000 TO $14,999	10.71	5.91	2.89	2.39	2.16	3.65	3.84	5.69
$15,000 TO $19,999	8.87	4.76	2.39	1.91	1.64	2.68	2.90	4.91
$20,000 TO $24,999	7.58	3.83	2.02	1.50	1.18	2.02	1.52	4.12
$25,000 TO $29,999	7.38	3.70	2.13	1.36	1.23	1.73	.72	3.98
$30,000 TO $34,999	5.91	2.95	1.65	1.15	.70	1.40	1.04	3.48
$35,000 AND OVER	4.27	2.08	1.11	.80	.54	.95	.53	2.38
POVERTY LEVEL:								
POVERTY	24.91	20.47	9.59	9.08	10.26	16.47	15.67	14.26
NOT = POVERTY	9.67	5.86	2.83	2.36	2.61	3.66	3.75	4.73
DOE REGION:								
NEW ENGLAND	10.68	7.78	2.62	2.73	2.42	4.44	3.53	4.16
NEW YORK/NEW JERSEY	11.37	7.74	2.65	2.66	1.82	4.21	2.37	4.75
MID-ATLANTIC	11.08	7.76	3.46	2.85	3.02	4.17	2.79	4.65
SOUTH ATLANTIC	11.29	6.92	4.29	2.65	3.60	3.43	6.22	5.59
MIDWEST	10.59	6.63	2.97	3.17	3.58	4.63	5.89	4.90
SOUTHWEST	11.25	6.86	4.16	2.54	4.86	3.43	9.07	5.74
CENTRAL	11.52	7.14	3.25	3.27	5.60	6.20	**	5.61
NORTH CENTRAL	10.35	6.14	3.36	2.36	4.46	5.91	5.35	5.28
WEST	8.13	4.43	2.73	1.73	1.85	3.24	**	4.51
NORTHWEST	10.02	5.30	2.44	3.46	2.52	4.19	.82	5.69
LOCATION:								
SMSA	9.64	6.04	2.79	2.45	2.39	3.86	4.06	4.60
NOT SMSA	12.85	8.39	4.26	3.70	4.06	5.16	7.58	5.78
NOT DEFINED	11.95	7.57	3.78	2.94	4.14	4.72	4.84	5.71
RACE OF HSEHOLD HEAD:								
WHITE	10.58	6.62	3.17	2.67	3.21	4.17	4.49	5.01
BLACK	11.72	8.66	4.34	3.51	4.35	5.34	5.56	5.04
OTHER	10.63	6.98	3.70	2.76	5.14	7.42	1.54	5.30
SEX OF HSEHOLD HEAD:								
MALE	10.41	5.75	2.92	2.24	2.76	3.24	3.26	5.17
FEMALE	11.10	8.67	3.85	3.61	4.49	6.31	6.54	4.49
TENURE:								
RENTED	10.39	7.23	3.22	2.71	3.07	5.27	4.55	5.19
OWNED	10.64	6.47	3.20	2.70	3.25	3.73	4.53	4.90
OTHER	13.90	9.07	4.66	3.51	5.21	5.39	10.24	6.91

SEE STATISTICAL NOTES

TABLE A.56

AVERAGE FUEL EXPENDITURE OF NON-ELDERLY HOUSEHOLDS AS A PERCENT OF DISPOSABLE INCOME--1985 BY 1978 AHC PROJECTION SERIES C

TOTAL	[illegible]	[illegible]	[illegible]	1.58	1.71	2.41	[illegible]	GASOLINE 3.9
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	55.04	18.85	[illegible]	7.29	5.84	13.31	[illegible]	27.84
$5,000 TO $9,999	15.73	[illegible]	8.58	3.15	3.72	5.53	[illegible]	11.29
$10,000 TO $14,999	12.33	6.08	3.10	2.21	2.23	3.54	3.42	7.55
$15,000 TO $19,999	10.83	4.83	2.64	1.58	1.59	2.63	2.07	6.14
$20,000 TO $24,999	8.80	4.60	2.25	1.47	1.23	2.10	2.03	5.06
$25,000 TO $29,999	8.07	4.87	2.11	1.29	1.08	1.82	1.80	4.84
$30,000 TO $34,999	7.21	3.10	1.83	1.14	.93	1.52	.99	4.24
$35,000 AND OVER	5.57	2.32	1.36	.97	.59	1.06	1.07	3.11
POVERTY LEVEL:								
POVERTY	30.58	16.60	9.10	2.40	7.97	11.33	7.45	23.97
NOT = POVERTY	9.13	4.16	2.35	1.56	1.55	2.29	2.08	5.33
DOE REGION:								
NEW ENGLAND	9.73	5.20	2.20	2.01	1.22	2.68	1.69	4.95
NEW YORK/NEW JERSEY	9.87	5.01	2.01	1.96	1.16	2.69	2.01	4.94
MID-ATLANTIC	9.90	5.00	2.47	1.74	1.47	2.58	1.96	5.37
SOUTH ATLANTIC	10.86	4.62	3.19	1.72	1.97	2.98	2.60	6.45
MIDWEST	9.13	4.15	2.21	1.77	1.87	2.59	3.05	5.26
SOUTHWEST	10.23	4.53	3.13	1.42	2.21	1.35	2.33	6.12
CENTRAL	10.10	4.33	2.36	1.73	2.42	2.71	3.06	6.11
NORTH CENTRAL	9.50	3.90	2.30	1.38	2.37	3.06	2.22	5.91
WEST	8.37	3.37	2.24	1.18	1.37	1.45	3.18	5.27
NORTHWEST	8.54	3.02	1.97	2.10	1.09	2.25	1.49	5.64
LOCATION:								
SMSA	8.92	4.10	2.23	1.57	1.43	2.36	2.72	5.17
NOT SMSA	11.11	5.11	3.01	1.99	1.99	2.51	2.13	6.37
NOT DEFINED	10.66	4.80	2.81	1.72	1.98	2.36	3.15	6.21
RACE OF HSEHOLD HEAD:								
WHITE	9.53	4.26	2.40	1.60	1.64	2.33	2.64	5.50
BLACK	8.36	5.72	3.05	2.12	2.56	3.25	2.50	5.64
OTHER	9.18	3.35	2.42	1.50	1.70	2.69	2.09	5.43
SEX OF HSEHOLD HEAD:								
MALE	8.46	4.13	2.35	1.53	1.58	2.19	2.42	5.56
FEMALE	9.98	5.96	3.09	2.30	2.42	3.88	3.50	5.27
TENURE:								
RENTED	9.81	4.77	2.53	1.74	2.01	3.08	2.96	5.77
OWNED	8.31	4.12	2.37	1.58	1.58	2.03	1.94	5.35
OTHER	12.89	5.79	3.58	1.73	2.87	2.85	2.16	7.70

SEE STATISTICAL NOTES

TABLE A.57

PERCENTAGES OF ALL HOUSEHOLDS BY SPECIFIC CHARACTERISTICS BY TYPE OF FUEL USED—1985 BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	100.00	100.00	100.00	73.81	9.47	22.77	0.36	82.47
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	100.00	100.00	100.00	70.89	12.05	21.18	.43	49.79
$5,000 TO $9,999	100.00	100.00	100.00	72.31	10.63	22.38	.45	72.18
$10,000 TO $14,999	100.00	100.00	100.00	73.67	10.24	22.68	.47	87.45
$15,000 TO $19,999	100.00	100.00	100.00	74.05	9.19	23.97	.48	93.66
$20,000 TO $24,999	100.00	100.00	100.00	75.41	7.66	23.73	.22	97.01
$25,000 TO $29,999	100.00	100.00	100.00	76.62	7.39	21.64	.42	97.56
$30,000 TO $34,999	100.00	100.00	100.00	76.62	7.16	21.38	.10	97.10
$35,000 AND OVER	100.00	100.00	100.00	77.01	6.03	25.87	.10	96.27
POVERTY LEVEL:								
POVERTY	100.00	100.00	100.00	69.82	12.52	16.93	.46	50.06
NOT - POVERTY	100.00	100.00	100.00	74.34	9.06	23.29	.37	86.81
DOE REGION:								
NEW ENGLAND	100.00	100.00	99.99	58.50	12.47	72.63	.00	76.66
NEW YORK/NEW JERSEY	100.00	100.00	100.00	79.33	8.71	59.62	.35	76.21
MID-ATLANTIC	100.00	100.00	100.00	71.18	8.55	40.86	.95	81.37
SOUTH ATLANTIC	100.00	100.00	100.00	66.27	13.83	18.59	.16	81.39
MIDWEST	100.00	100.00	100.00	84.06	7.80	13.10	.41	84.68
SOUTHWEST	100.00	100.00	100.00	83.27	10.00	1.09	.02	82.06
CENTRAL	100.00	100.00	99.99	82.67	13.57	6.83	.14	83.36
NORTH CENTRAL	100.00	100.00	100.00	80.86	9.47	7.22	.40	86.42
WEST	100.00	100.00	100.00	88.93	4.94	.76	.01	80.27
NORTHWEST	100.00	100.00	100.00	43.26	7.84	22.78	.03	87.54
LOCATION:								
SMSA	100.00	100.00	100.00	80.96	6.21	22.07	.42	82.03
NOT SMSA	100.00	100.00	100.00	57.58	15.85	24.85	.43	82.63
NOT DEFINED	100.00	100.00	100.00	66.56	13.71	22.87	.14	83.62
AGE OF HSEHOLD HEAD:								
UNDER 65	100.00	100.00	100.00	74.14	9.15	22.14	.37	87.89
65 AND OVER	100.00	100.00	100.00	72.57	10.65	25.14	.44	62.35
RACE OF HSEHOLD HEAD								
WHITE	100.00	100.00	100.00	76.20	9.49	23.08	.34	85.90
BLACK	100.00	100.00	99.99	78.28	9.33	20.82	.71	55.41
OTHER	100.00	100.00	100.00	79.26	8.62	16.58	1.04	73.94
SEX OF HSEHOLD HEAD:								
MALE	100.00	100.00	100.00	72.46	9.92	23.04	.36	92.19
FEMALE	100.00	100.00	100.00	77.28	8.31	22.08	.43	57.37
TENURE:								
RENTED	100.00	100.00	100.00	80.37	6.53	22.45	.59	73.53
OWNED	100.00	100.00	100.00	70.08	11.06	23.00	.24	89.06
OTHER	100.00	100.00	100.00	56.84	18.57	22.71	.39	77.04

SEE STATISTICAL NOTES

best copy available

TABLE A.58

PERCENTAGES OF ELDERLY HOUSEHOLDS BY SPECIFIC CHARACTERISTICS BY TYPE OF FUEL USED--1985 BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	100.00	100.00	100.00	72.57	10.65	25.14	0.44	62.35
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	100.00	100.00	100.00	71.19	12.03	23.09	.38	40.93
$5,000 TO $9,999	100.00	100.00	100.00	72.23	10.26	24.84	.47	69.73
$10,000 TO $14,999	100.00	100.00	100.00	72.66	10.33	26.52	.49	84.11
$15,000 TO $19,999	100.00	100.00	100.00	75.44	8.92	26.08	.90	83.62
$20,000 TO $24,999	100.00	100.00	100.00	74.93	7.76	29.24	.06	90.95
$25,000 TO $29,999	100.00	100.00	100.00	72.37	8.74	27.68	.92	92.70
$30,000 TO $34,999	100.00	100.00	100.00	79.40	9.79	22.86	.12	85.32
$35,000 AND OVER	100.00	100.00	100.00	82.75	5.39	29.46	.06	91.55
POVERTY LEVEL:								
POVERTY	100.00	100.00	100.00	68.40	13.03	20.74	.45	36.79
NOT - POVERTY	100.00	100.00	100.00	73.78	9.96	26.41	.43	69.76
DOE REGION:								
NEW ENGLAND	100.00	100.00	100.00	61.58	12.57	74.27	.16	53.12
NEW YORK/NEW JERSEY	100.00	100.00	100.00	77.50	9.21	63.99	.39	54.41
MID-ATLANTIC	100.00	100.00	99.99	70.66	7.46	45.68	1.05	59.01
SOUTH ATLANTIC	100.00	100.00	100.00	47.52	16.14	19.69	.20	63.42
MIDWEST	100.00	100.00	100.00	83.14	9.09	14.68	1.08	66.07
SOUTHWEST	100.00	100.00	100.00	81.47	13.04	1.17	.03	61.59
CENTRAL	100.00	100.00	100.00	82.84	13.94	8.58	.00	64.16
NORTH CENTRAL	100.00	100.00	100.00	79.08	8.68	10.58	.55	63.92
WEST	100.00	100.00	100.00	88.24	5.35	1.24	.00	68.70
NORTHWEST	100.00	100.00	100.00	44.26	7.70	25.67	.05	66.21
LOCATION:								
SMSA	100.00	100.00	100.00	80.11	6.81	26.00	.55	61.16
NOT SMSA	100.00	100.00	100.00	59.85	16.28	23.96	.32	64.19
NOT DEFINED	100.00	100.00	100.00	66.32	14.98	24.06	.24	63.56
RACE OF HSEHOLD HEAD:								
WHITE	100.00	100.00	100.00	72.59	10.50	25.73	.41	64.14
BLACK	100.00	100.00	99.99	72.11	12.07	19.28	.70	42.83
OTHER	100.00	100.00	100.00	77.08	14.82	13.00	.09	52.65
SEX OF HSEHOLD HEAD:								
MALE	100.00	100.00	100.00	70.09	11.67	25.59	.39	82.24
FEMALE	100.00	100.00	100.00	75.17	9.58	24.66	.48	41.53
TENURE:								
RENTED	100.00	100.00	100.00	80.87	5.79	27.39	.71	44.79
OWNED	100.00	100.00	100.00	69.30	12.64	24.10	.31	71.75
OTHER	100.00	100.00	100.00	57.01	18.43	23.39	.18	53.77

SEE STATISTICAL NOTES

TABLE A.59

PERCENTAGES OF NON-ELDERLY HOUSEHOLDS BY SPECIFIC CHARACTERISTICS BY TYPE OF FUEL USED--1985 BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUELS	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	100.00	100.00	100.00	74.14	9.15	22.14	0.37	87.89
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	100.00	100.00	99.99	70.51	12.07	18.79	.49	60.89
$5,000 TO $9,999	100.00	100.00	100.00	72.35	10.79	21.27	.44	73.29
$10,000 TO $14,999	100.00	100.00	100.00	73.85	10.23	21.61	.46	88.06
$15,000 TO $19,999	100.00	100.00	100.00	73.92	9.22	23.59	.44	94.59
$20,000 TO $24,999	100.00	100.00	100.00	75.44	7.65	23.28	.24	97.50
$25,000 TO $29,999	100.00	100.00	100.00	76.69	7.30	21.27	.39	97.86
$30,000 TO $34,999	100.00	100.00	100.00	75.83	7.01	21.29	.10	97.78
$35,000 AND OVER	100.00	100.00	100.00	76.41	6.09	25.16	.10	96.77
POVERTY LEVEL:								
POVERTY	100.00	100.00	100.00	79.78	12.19	17.76	.50	59.02
NOT = POVERTY	100.00	100.00	100.00	74.07	8.85	22.57	.36	90.73
DOE REGION:								
NEW ENGLAND	100.00	100.00	99.99	57.57	12.44	72.14	.03	86.36
NEW YORK/NEW JERSEY	100.00	100.00	100.00	79.83	8.58	58.42	.34	82.10
MID-ATLANTIC	100.00	100.00	100.00	71.31	8.82	59.68	.92	86.86
SOUTH ATLANTIC	100.00	100.00	100.00	48.49	13.16	18.27	.15	86.61
MIDWEST	100.00	100.00	100.00	84.36	7.46	12.68	.86	89.65
SOUTH-EST	100.00	100.00	100.00	83.75	9.18	1.07	.02	97.54
CENTRAL	100.00	100.00	99.99	73.98	13.44	6.18	.14	90.40
NORTH CENTRAL	100.00	100.00	100.00	81.32	9.66	6.33	.34	92.34
WEST	100.00	100.00	100.00	89.08	8.85	.66	.01	90.12
NORTH-EST	100.00	100.00	100.00	82.97	7.68	22.06	.02	93.33
LOCATION:								
SMSA	100.00	100.00	100.00	81.16	8.67	21.13	.39	87.04
NOT SMSA	100.00	100.00	100.00	57.36	15.78	25.16	.47	89.27
NOT DEFINED	100.00	100.00	100.00	66.65	13.33	22.52	.17	94.54
RACE OF HSEHOLD HEAD:								
WHITE	100.00	100.00	100.00	73.57	9.21	22.33	.31	92.04
BLACK	100.00	100.00	99.99	79.43	8.82	21.11	.71	87.77
OTHER	100.00	100.00	100.00	79.56	7.72	17.10	1.14	77.02
SEX OF HSEHOLD HEAD:								
MALE	100.00	100.00	100.00	72.89	9.60	22.59	.36	93.96
FEMALE	100.00	100.00	100.00	78.52	7.56	20.90	.40	86.73
TENURE:								
RENTER	100.00	100.00	100.00	69.27	6.64	21.43	.57	79.46
OWNED	100.00	100.00	100.00	77.32	10.50	22.66	.21	94.47
OTHER	100.00	100.00	100.00	56.76	18.62	22.46	.46	95.66

SEE STATISTICAL NOTES

TABLE A.60

PERCENTAGES OF ALL HOUSEHOLDS BY SPECIFIC FUELS USED BY CHARACTERISTIC—1985 BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	16.41	16.41	16.41	15.76	20.89	15.26	18.34	9.91
$5,000 TO $9,999	18.41	18.41	18.41	18.04	20.67	18.10	21.46	16.11
$10,000 TO $14,999	17.55	17.55	17.55	17.52	16.99	17.48	21.37	18.61
$15,000 TO $19,999	16.06	16.06	16.06	16.12	15.60	16.91	20.05	18.25
$20,000 TO $24,999	12.04	12.04	12.04	12.30	8.74	12.55	7.05	14.17
$25,000 TO $29,999	7.91	7.91	7.91	8.21	6.17	7.52	6.72	9.36
$30,000 TO $34,999	4.62	4.62	4.62	4.76	3.49	4.34	1.19	5.44
$35,000 AND OVER	6.99	6.99	6.99	7.29	4.45	7.84	1.82	8.16
POVERTY LEVEL:								
POVERTY	11.82	11.82	11.82	11.18	15.64	9.82	14.89	7.17
NOT - POVERTY	88.18	88.18	88.18	88.82	84.36	90.18	85.11	92.83
DOE REGION:								
NEW ENGLAND	5.67	5.67	5.67	4.49	7.46	18.08	.07	5.41
NEW YORK/NEW JERSEY	11.52	11.52	11.52	12.38	10.60	30.16	10.46	10.64
MID-ATLANTIC	11.07	11.07	11.07	10.68	10.01	19.87	27.36	10.93
SOUTH ATLANTIC	16.38	16.38	16.38	10.71	23.93	13.37	7.02	16.16
MIDWEST	20.15	20.15	20.15	22.95	16.61	11.59	47.87	20.69
SOUTHWEST	10.49	10.49	10.49	11.82	11.08	.50	.62	10.43
CENTRAL	5.33	5.33	5.33	6.04	7.64	1.60	1.96	5.39
NORTH CENTRAL	3.13	3.13	3.13	3.43	3.13	.99	3.25	3.28
WEST	12.85	12.85	12.85	15.49	6.71	.43	.32	13.45
NORTHWEST	3.41	3.41	3.41	2.00	2.83	3.41	.26	3.62
LOCATION:								
SMSA	62.36	62.36	62.36	68.40	40.93	60.45	60.94	62.03
NOT SMSA	20.20	20.20	20.20	15.87	33.82	22.04	26.55	20.28
NOT DEFINED	17.44	17.44	17.44	15.73	25.25	17.51	8.51	17.68
AGE OF HSEHOLD HEAD:								
UNDER 65	78.77	78.77	78.77	79.13	76.12	76.57	75.86	83.95
65 AND OVER	21.23	21.23	21.23	20.87	23.88	23.43	24.14	16.05
RACE OF HSEHOLD HEAD								
WHITE	88.19	88.19	88.19	87.46	88.42	89.37	77.24	91.86
BLACK	10.91	10.91	10.91	11.57	10.76	9.98	20.30	7.33
OTHER	.90	.90	.90	.97	.82	.66	2.46	.81
SEX OF HSEHOLD HEAD:								
MALE	72.08	72.08	72.08	70.76	75.49	72.92	68.44	80.57
FEMALE	27.92	27.92	27.92	29.24	24.51	27.08	31.56	19.43
TENURE:								
RENTED	40.10	40.10	40.10	43.67	27.66	39.53	61.93	35.75
OWNED	56.90	56.90	56.90	54.02	66.45	57.47	35.03	61.44
OTHER	3.00	3.00	3.00	2.31	5.89	2.99	3.04	2.81

SEE STATISTICAL NOTES

TABLE A.61

PERCENTAGES OF ELDERLY HOUSEHOLDS BY SPECIFIC FUELS USED BY CHARACTERISTIC--1985 BY 1978 ARC PROJECTION SERIES C

	ALL FUEL	ALL HOME FUEL	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
DISPOSABLE INCOME CLASS IN $1978:								
UNDER $5,000	42.98	42.98	42.98	42.16	48.56	39.48	37.28	28.21
$5,000 TO $9,999	27.04	27.04	27.04	26.92	26.06	26.73	28.94	30.24
$10,000 TO $14,999	12.87	12.87	12.87	12.89	12.49	14.60	14.64	17.36
$15,000 TO $19,999	6.36	6.36	6.36	6.61	5.33	7.11	13.17	8.53
$20,000 TO $24,999	4.27	4.27	4.27	4.41	3.11	4.96	.62	6.23
$25,000 TO $29,999	2.17	2.17	2.17	2.17	1.78	2.39	4.58	3.23
$30,000 TO $34,999	1.19	1.19	1.19	1.30	1.04	1.08	.33	1.63
$35,000 AND OVER	3.11	3.11	3.11	3.55	1.57	3.65	.44	4.57
POVERTY LEVEL:								
POVERTY	22.46	22.46	22.46	21.17	27.47	18.53	23.23	13.25
NOT - POVERTY	77.54	77.54	77.54	78.83	72.53	81.47	76.77	86.75
DOE REGION:								
NEW ENGLAND	6.18	6.18	6.18	5.25	7.30	18.27	2.24	5.27
NEW YORK/NEW JERSEY	11.65	11.65	11.65	12.44	10.07	29.64	10.33	10.16
MID-ATLANTIC	10.29	10.29	10.29	10.02	7.21	18.70	24.89	9.74
SOUTH ATLANTIC	17.39	17.39	17.39	11.39	26.36	13.62	8.17	17.69
MIDWEST	19.93	19.93	19.93	22.84	17.01	11.64	49.33	21.12
SOUTHWEST	10.44	10.44	10.44	11.72	12.79	.49	.75	10.31
CENTRAL	6.74	6.74	6.74	7.69	8.82	2.30	.00	6.93
NORTH CENTRAL	3.07	3.07	3.07	3.35	2.50	1.29	3.92	3.15
WEST	10.87	10.87	10.87	13.22	5.46	.54	.00	11.98
NORTHWEST	3.43	3.43	3.43	2.09	2.48	3.50	.37	3.64
LOCATION:								
SMSA	56.84	56.84	56.84	62.74	36.32	58.79	71.92	55.76
NOT SMSA	24.45	24.45	24.45	20.16	37.37	23.30	17.78	25.17
NOT DEFINED	18.71	18.71	18.71	17.10	26.31	17.91	10.30	19.07
RACE OF HSEHOLD HEAD								
WHITE	91.36	91.36	91.36	91.38	90.07	93.51	86.79	93.98
BLACK	8.10	8.10	8.10	8.05	9.18	6.21	13.11	5.56
OTHER	.54	.54	.54	.57	.75	.28	.11	.45
SEX OF HSEHOLD HEAD:								
MALE	51.15	51.15	51.15	49.40	56.06	52.08	46.15	67.47
FEMALE	48.85	48.85	48.85	50.60	43.94	47.92	53.85	32.53
TENURE:								
RENTED	32.32	32.32	32.32	36.01	17.57	35.21	52.64	23.22
OWNED	63.86	63.86	63.86	60.98	75.81	61.23	45.78	73.49
OTHER	3.82	3.82	3.82	3.00	6.62	3.56	1.58	3.30

SEE STATISTICAL NOTES

TABLE A.62

PERCENTAGE OF NON-ELDERLY HOUSEHOLDS BY SPECIFIC FUELS USED BY CHARACTERISTIC--1985 BY 1978 ARC PROJECTION SERIES C

	ALL FUELS	ALL DOE FUELS	ELECTRICITY	NATURAL GAS	BOTTLED GAS	FUEL OIL	COAL	GASOLINE
TOTAL	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
DISPOSABLE INCOME CLASS IN $1978:								
[illegible]	9.25	9.25	9.25	8.84	12.21	7.85	12.31	6.41
[illegible]	16.09	16.09	16.09	15.71	16.98	15.45	19.08	13.41
[illegible]	18.83	18.83	18.83	18.78	21.02	18.36	23.51	16.85
[illegible]	19.05	19.05	19.05	19.46	18.82	19.91	22.24	20.10
[illegible]	16.16	16.16	16.16	14.39	11.82	14.87	9.10	15.64
[illegible]	9.68	9.68	9.68	9.81	7.55	9.09	10.04	10.53
[illegible]	5.55	5.55	5.55	5.67	4.25	5.33	1.46	6.17
[illegible]	5.31	5.31	5.31	6.28	5.35	9.13	2.26	8.84
POVERTY LEVEL:								
[illegible]	8.95	8.95	8.95	8.55	11.93	7.16	12.24	6.01
[illegible]	91.05	91.05	91.05	91.45	88.07	92.84	87.76	93.99
DOE REGION:								
[illegible]	5.53	5.53	5.53	6.25	7.52	18.02	.44	5.43
[illegible]	11.09	11.09	11.09	12.37	10.77	30.31	10.51	10.74
[illegible]	11.28	11.28	11.28	11.55	10.88	20.23	28.15	11.15
[illegible]	18.11	18.11	18.11	13.53	23.17	13.30	6.65	15.87
[illegible]	20.21	20.21	20.21	22.99	16.48	11.56	47.41	20.61
[illegible]	13.53	13.53	13.53	11.56	13.54	.51	.58	10.48
[illegible]	6.55	6.55	6.55	5.61	7.27	1.58	2.58	5.09
[illegible]	3.16	3.16	3.16	3.45	5.35	.90	3.05	5.30
[illegible]	10.54	10.54	10.54	10.91	7.10	.40	.42	13.73
[illegible]	5.41	5.41	5.41	1.56	2.43	3.30	.23	5.62
LOCATION:								
[illegible]	73.45	73.45	73.45	85.21	82.38	80.95	88.00	63.23
[illegible]	14.55	14.55	14.55	14.79	32.70	21.66	24.07	14.35
[illegible]	12.00	12.00	12.00	15.47	28.92	17.59	7.94	17.42
RACE OF HSEHOLD HEAD:								
[illegible]	87.55	87.55	87.55	88.62	87.90	88.10	74.21	91.45
[illegible]	11.67	11.67	11.67	12.53	11.25	11.15	22.54	7.87
[illegible]	1.78	1.78	1.78	1.00	.84	.77	3.21	.68
SEX OF HSEHOLD HEAD:								
[illegible]	77.71	77.71	77.71	76.61	71.59	79.30	75.54	83.08
[illegible]	22.29	22.29	22.29	23.39	28.41	20.70	24.46	16.92
TENURE:								
[illegible]	62.21	62.21	62.21	45.68	30.52	40.25	54.84	58.15
[illegible]	55.21	55.21	55.21	52.13	63.52	58.32	51.57	59.14
[illegible]	2.78	2.78	2.78	2.19	5.66	2.02	3.51	2.71

SEE STATISTICAL NOTES

Table A.63 Department of Energy Regions by State and Energy Prices by Fuel Type[a]--1975 and 1985 (1978 Dollars)

	Electricity[b] ¢/kwh		Piped Gas[c] $/mcf		Bottled Gas[d] ¢/gal.		Fuel Oil[d] ¢/gal.		Gasoline[e] ¢/gal.	
	1975	1985	1975	1985	1975	1985	1975	1985	1975	1985
Region 1-New England										
Connecticut	5.40	5.58	4.16	5.76	52.6	54.9	48.7	52.3	68.8	91.5
Maine	4.35	4.34	5.63	8.18	56.2	49.9	48.7	52.3	67.9	90.7
Massachusetts	5.71	6.00	3.96	5.59	50.8	58.6	48.7	50.6	66.9	87.7
New Hampshire	5.32	5.06	3.04	4.54	43.6	52.3	48.7	52.3	67.5	91.2
Rhode Island	5.76	6.29	3.90	5.27	50.8	49.9	48.7	49.5	66.8	88.0
Vermont	4.28	4.26	3.42	4.34	55.0	54.9	48.7	52.3	69.8	93.2
Region 2-N.Y./N.J.										
New Jersey	5.88	6.01	3.19	5.23	52.6	45.4	45.2	47.6	65.4	86.9
New York	6.13	6.34	2.99	4.65	52.6	50.2	48.8	49.6	71.6	95.6
Region 3-Mid-Atlantic										
Delaware	5.20	6.52	2.90	5.53	53.8	36.7	46.6	51.3	67.8	86.7
District of Columbia	4.72	5.73	2.95	5.04	46.0	40.4	47.2	49.8	69.9	92.4
Maryland	4.72	5.73	2.85	5.04	46.0	40.4	46.6	49.8	67.8	87.1
Pennsylvania	4.78	5.64	2.34	4.27	44.2	45.9	44.8	52.2	64.4	89.9
Virginia	4.12	4.50	2.82	5.04	43.0	53.3	46.6	49.1	69.4	89.7
West Virginia	3.91	4.35	1.81	2.89	39.5	48.6	49.6	51.5	68.8	87.1
Region 4-South Atlantic										
Alabama	3.01	3.79	2.12	4.18	41.2	47.4	46.4	53.3	63.5	87.6
Florida	4.08	5.15	3.43	6.59	43.0	48.7	49.3	60.2	65.7	87.0
Georgia	3.36	4.17	2.15	3.84	39.5	49.4	45.9	53.7	69.6	89.2
Kentucky	2.92	3.91	1.60	3.01	43.0	48.2	46.4	55.7	69.6	91.3
Mississippi	3.01	4.19	1.73	3.44	39.5	44.2	44.9	49.2	64.8	88.4
North Carolina	3.48	4.53	2.50	4.52	40.0	47.4	46.0	55.3	67.9	88.2
South Carolina	3.59	4.67	2.56	5.34	44.2	51.4	45.3	55.3	65.0	89.7
Tennessee	2.47	2.82	1.64	3.23	38.9	46.0	51.6	50.9	68.3	87.0
Region 5-Midwest										
Illinois	4.26	5.57	1.95	3.77	36.5	41.6	45.9	47.1	70.1	89.6
Indiana	3.19	4.17	1.79	3.69	38.3	43.6	43.4	47.8	70.6	87.4
Michigan	4.23	5.08	1.97	3.91	37.1	48.2	47.9	47.4	71.0	88.1
Minnesota	3.69	4.77	1.96	4.10	38.3	41.3	43.6	47.1	69.8	85.4
Ohio	4.08	4.99	1.86	3.54	38.3	45.5	46.3	47.6	68.4	87.3
Wisconsin	3.75	4.69	2.10	4.21	37.1	44.7	44.1	48.2	69.5	85.3
Region 6-Southwest										
Arkansas	3.49	5.54	1.39	3.63	37.1	40.6	42.0	45.8	68.5	88.7
Louisiana	2.98	5.18	1.63	3.72	39.5	39.5	42.3	42.2	67.1	87.0
New Mexico	3.91	6.10	1.69	3.89	33.5	33.5	43.8	45.9	70.5	92.1
Oklahoma	3.07	5.01	1.41	3.42	31.7	32.0	43.3	42.1	67.5	88.1
Texas	3.26	5.07	1.82	3.99	34.1	32.6	42.8	42.8	64.5	83.1
Region 7-Central										
Iowa	3.91	4.84	1.75	3.81	34.1	37.4	43.3	44.0	68.5	85.0
Kansas	3.44	4.15	1.20	2.69	29.9	30.4	43.8	42.7	68.5	85.0
Missouri	3.75	4.79	1.78	3.84	33.5	39.7	43.0	45.1	68.9	86.7
Nebraska	3.04	3.78	1.55	3.60	32.9	34.0	41.8	42.9	71.0	88.4
Region 8-North Central										
Colorado	3.71	4.76	1.43	3.72	33.5	35.0	45.1	42.9	69.6	86.5
Montana	2.62	3.86	1.46	3.87	36.5	44.9	44.5	47.9	71.0	88.0
North Dakota	3.43	4.56	1.85	4.57	37.1	41.9	43.3	50.8	69.7	86.6
South Dakota	3.35	4.55	1.73	4.79	34.7	39.3	44.6	45.7	69.8	86.5
Utah	3.30	3.96	1.37	3.47	38.3	45.7	46.9	41.5	67.3	83.1
Wyoming	2.83	4.12	1.22	3.20	37.1	41.7	45.4	49.2	70.9	88.0
Region 9-West										
Arizona	4.36	5.00	2.26	5.25	41.8	29.5	47.2	45.2	69.0	87.7
California	3.99	5.31	1.88	4.29	42.4	37.5	57.6	47.3	70.1	90.2
Nevada	2.81	3.25	2.24	5.51	41.2	35.8	51.6	45.2	70.6	92.9
Region 10-Northwest										
Idaho	1.96	2.56	2.70	5.16	43.6	38.3	48.3	47.4	71.5	92.1
Oregon	1.97	2.37	2.96	5.52	40.0	36.2	45.4	50.6	66.3	89.2
Washington	1.47	1.83	2.62	4.91	41.8	38.5	45.6	58.0	68.1	90.6

See footnotes on following page
See Statistical Notes

Footnotes to Table A.63

a All fuel prices for 1985 were obtained from Midterm Projections Series C for the Annual Report to Congress 1978. Coal prices are omitted since there is no systematic collection of residential price data. MATH/CHRDS uses a coal price index for estimation.

b Edison Electric Institute, Statistical Yearbook for 1975, New York, Edison Electric Institute, 1976, Tables 22S and 36S.

c American Gas Association, 1976 Gas Facts, Arlington, Va., American Gas Association, 1976, Tables 65 and 80.

d U.S. Department of Agriculture, Crop Reporting Board, Statistical Reporting Service, Argricultural Prices Annual Summary 1975, Pr 1-3 (76), Washington, D.C., USDA, June 1976, p.69

e Platt's Oil Price Handbook and Oilmanac 1975, New York, N.Y., McGraw-Hill, Inc, 1976, p.105.

APPENDIX B

Statistical Notes

1. Tabulated data include households with positive income, positive energy expenditure, and that reside in the lower continental United States. Persons in group quarters and residents of Alaska, Hawaii, and Puerto Rico are excluded from the tables.

2. Expenditures for each fuel type are only for households that use that particular fuel. The estimates in the tables cannot be added across all fuels to calculate total expenditures because not all households use all fuels.

3. The gross national product implicit price deflator is used for conversion to 1978 dollars. Historical deflators are used for 1975 (1.2718) and 1978 (1.5204 as of 4/79). The 1985 deflator is 2.2242 from Data Resources, Inc. 1985 TRENDLONG 1995 projection. For conversion to 1975 current dollars, multiply 1975 Table dollars, by 0.8365. For conversion to 1985 current dollars, multiply 1985 Table dollars by 1.4629.

4. Disposable income is defined as the sum of earnings, property income, private pensions and transfers, and government transfers (including value of food stamps), less federal income and payroll taxes. For the calculation of average fuel expenditure as a percentage of disposable income, the sum of expenditures for all households in each table cell is divided by the sum of the households' incomes.

5. Poverty status in 1974 is defined in terms of money income in 1978 dollars for families and individuals rather than households. A poverty index is used based on an "economy" food plan designated by the Department of Agriculture for "emergency or temporary use when funds are low". A family is classified as poor if its total money income is less than approximately three times the cost of the "economy" food plan. See U.S. Bureau of the Census, Public Use Samples of Basic Records from the 1970 Census: Description and Technical Documentation, Washinton, D.C., 1972. p.122.

6. Confidentiality requirements of the Bureau of the Census preclude reporting SMSA location in Delaware, Nevada, Rhode Island, Utah, Vermont, and Wyoming. For these States, households' SMSA locations are classified "Not Defined".

7. "Other" Race of Household Head includes Indian, Japanese, Chinese, and any other race except White or Black.

8. Estimates are derived from MATH/CHRDS simulations for 1975 and 1985 prepared for the Energy Information Administration by Mathematica Policy Research, Inc. Data files are:

1975--CN6212.PRJ.TPL.A75N81.AT3BFMFL
1985--CN6212.PRJ.PSC369C3.A85N49.A3ELT5R

*U.S. GOVERNMENT PRINTING OFFICE : 1980 O-311-119/70

best copy available

DOE F 1340.2
(2-80)

U.S. DEPARTMENT OF ENERGY

GPO SINGLE ISSUE AND ANNUAL ORDER FORM

B

(For use in ordering EIA Publications only — Read Ordering Information Section before completing form.)

SEND ORDER FORM TO: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402

Enclosed is $ _____ ☐ Check

☐ Money order, or charge to my Deposit Account No.

☐☐☐☐☐☐☐ – ☐

Order No. _____

Credit Card Orders Only

Total charges $ _____ Fill in the boxes below

Credit Card No. ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Expiration Date Month/Year ☐☐☐☐ ☐ VISA ☐ Master Charge

PLEASE PRINT OR TYPE — **NAME AND ADDRESS**

NAME – FIRST, LAST

COMPANY NAME OR ADDITIONAL ADDRESS LINE

STREET ADDRESS

CITY — STATE — ZIP CODE

(OR COUNTRY)

FOR OFFICE USE ONLY

QUANTITY	CHARGES
ENCLOSED	
TO BE MAILED	
SUBSCRIPTIONS	
POSTAGE	
FOREIGN HANDLING	
MMOB	
OPNR	
UPNS	
DISCOUNT	
REFUND	

PLEASE PRINT OR TYPE THE GPO STOCK NO. OF SINGLE ISSUES OR ANNUALS YOU WISH TO RECEIVE:

_____

_____

_____

_____

_____

_____

_____

_____

GPO 869 025

U.S. Department of Energy
Energy Information Administration
Office of Energy Information Services
1726 M St., N.W.
Washington, D.C. 20461

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, $300

FIRST-CLASS MAIL
POSTAGE & FEES PAID
U.S. DEPT. OF ENERGY
PERMIT NO. G 20

FIRST CLASS MAIL

Copy cover SAT